

VOL. VIII, NO. 1.

JUNE, 1914

Bulletin of the
**College of
William and Mary**

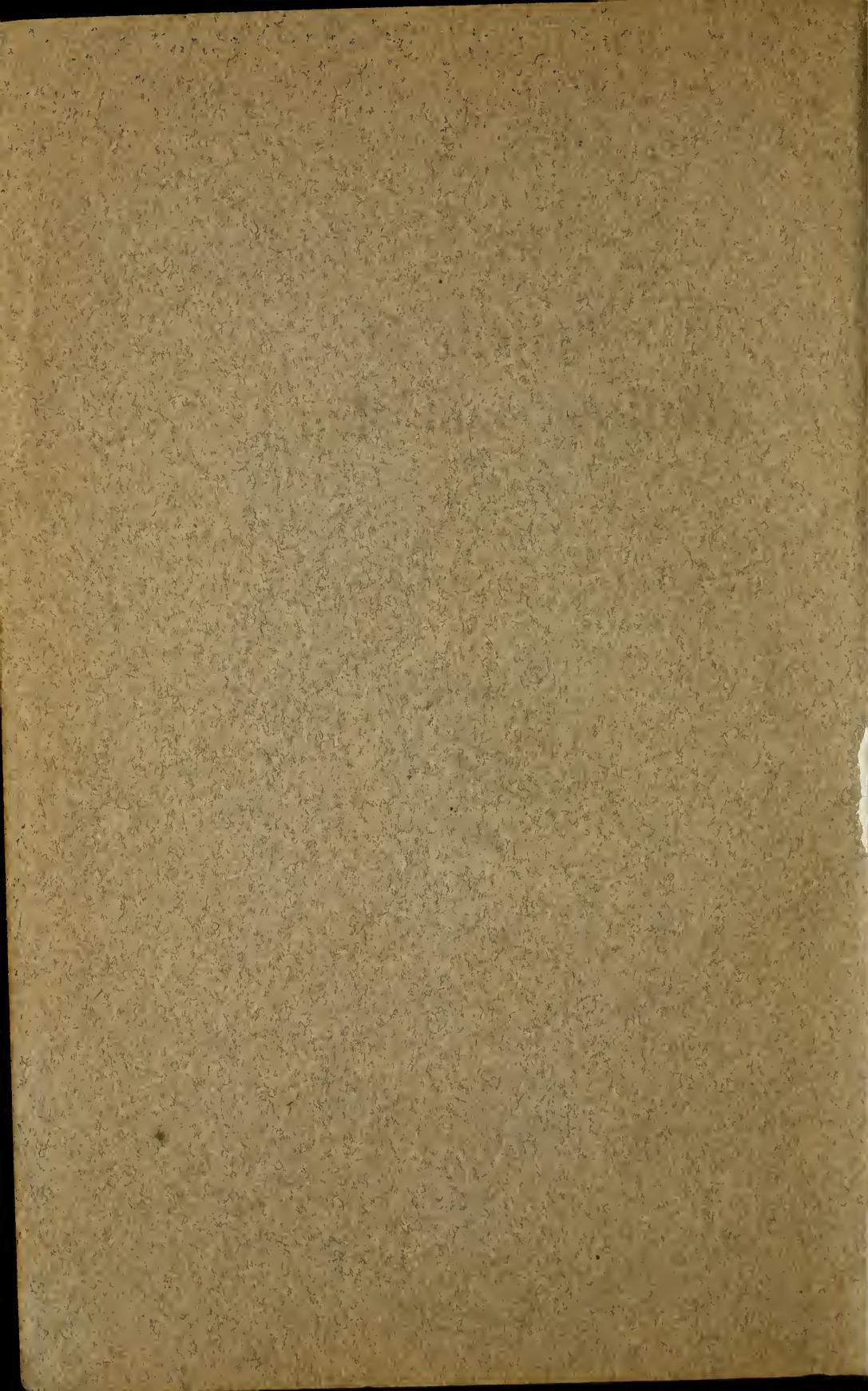
Catalogue 1913-1914



ANNOUNCEMENTS 1914-1915

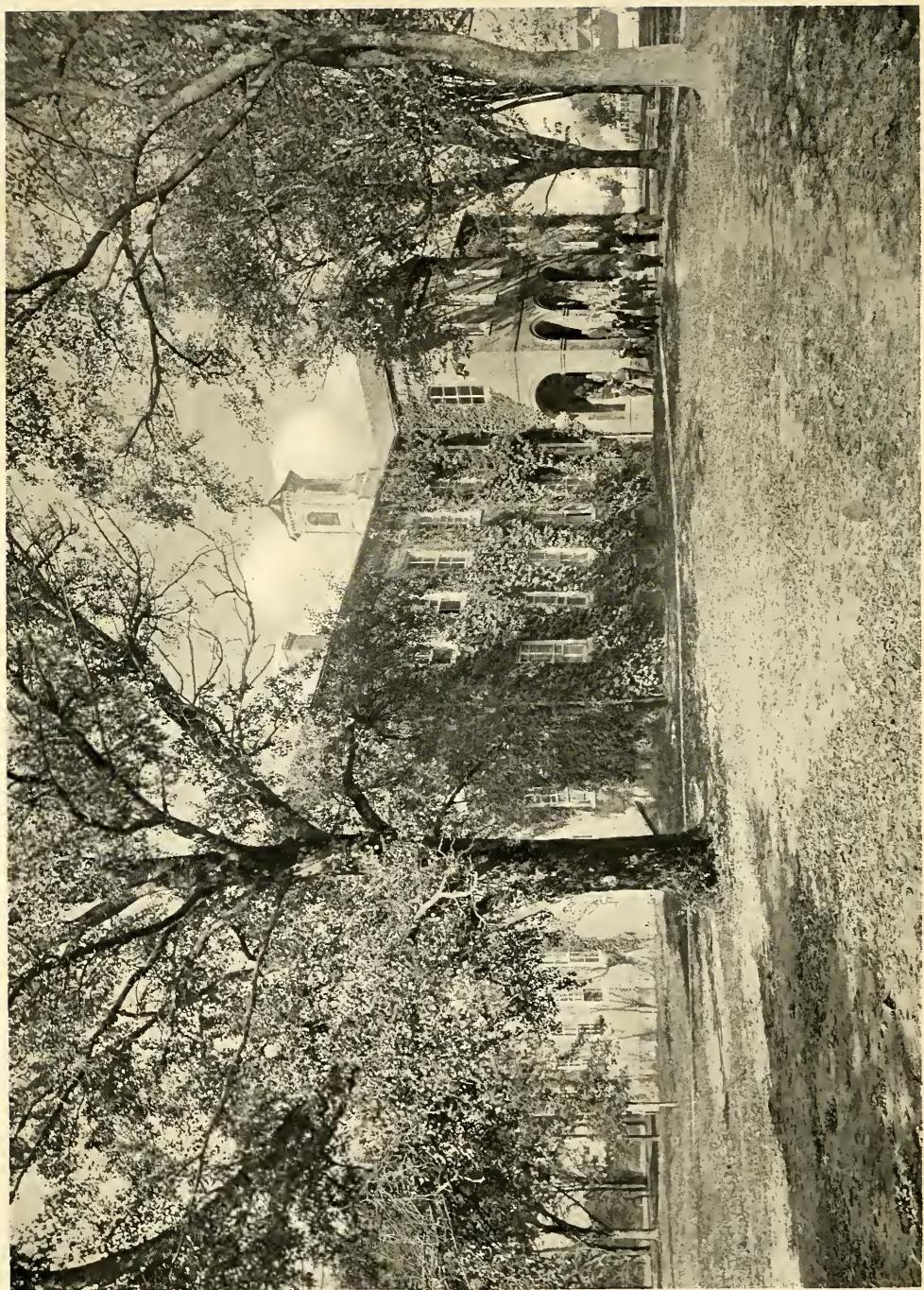
Two Hundred and Twenty-first Year

(Entered at the Post-Office in Williamsburg as second-class matter.)





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**College of
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ANNOUNCEMENTS 1914-1915

Two Hundred and Twenty-first Year

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1914											
JAN.			FEB.			MARCH			APRIL		
Sunday	Monday	Tuesday	Sunday	Monday	Tuesday	Sunday	Monday	Tuesday	Sunday	Monday	Tuesday
1	2	3	1	2	3	1	2	3	1	2	3
2	3	4	2	3	4	2	3	4	2	3	4
3	4	5	3	4	5	3	4	5	3	4	5
4	5	6	4	5	6	4	5	6	4	5	6
5	6	7	5	6	7	5	6	7	5	6	7
6	7	8	6	7	8	6	7	8	6	7	8
7	8	9	7	8	9	7	8	9	7	8	9
8	9	10	8	9	10	8	9	10	8	9	10
9	10	11	9	10	11	9	10	11	9	10	11
10	11	12	10	11	12	10	11	12	10	11	12
11	12	13	11	12	13	11	12	13	11	12	13
12	13	14	12	13	14	12	13	14	12	13	14
13	14	15	13	14	15	13	14	15	13	14	15
14	15	16	14	15	16	14	15	16	14	15	16
15	16	17	15	16	17	15	16	17	15	16	17
16	17	18	16	17	18	16	17	18	16	17	18
17	18	19	17	18	19	17	18	19	17	18	19
18	19	20	18	19	20	18	19	20	18	19	20
19	20	21	19	20	21	19	20	21	19	20	21
20	21	22	20	21	22	20	21	22	20	21	22
21	22	23	21	22	23	21	22	23	21	22	23
22	23	24	22	23	24	22	23	24	22	23	24
23	24	25	23	24	25	23	24	25	23	24	25
24	25	26	24	25	26	24	25	26	24	25	26
25	26	27	25	26	27	25	26	27	25	26	27
26	27	28	26	27	28	26	27	28	26	27	28
27	28	29	27	28	29	27	28	29	27	28	29
28	29	30	28	29	30	28	29	30	28	29	30
29	30	31	29	30	31	29	30	31	29	30	31
30	31	1	30	31	1	30	31	1	30	31	1
31	1	2	30	31	1	30	31	1	30	31	1
AUG.			SEP.			OCT.			NOV.		
JULY			WEDNESDAY			THURSDAY			FRIDAY		
JUNE			SUNDAY			MONDAY			TUESDAY		
MAY			TUESDAY			WEDNESDAY			THURSDAY		
APRIL			FRIDAY			SATURDAY			SUNDAY		
MARCH			THURSDAY			FRIDAY			SATURDAY		
FEB.			WEDNESDAY			THURSDAY			FRIDAY		
JAN.			TUESDAY			WEDNESDAY			THURSDAY		

1915

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Calendar of Exercises and Holidays, 1914-1915

First Term Begins.....	Thursday, September 17th
Thanksgiving Day.....	Thursday, November 26th
Christmas Vacation.....	Begins 4 P. M. Wednesday, December 23rd
Exercises Resumed.....	Monday 8:45 A. M., January 4th
Birthday of General Lee.....	Tuesday, January 19th
Intermediate Examinations.....	Close Saturday, January 30th
Beginning of Second Term.....	Monday, February 1st
Birthday of General Washington.....	Monday, February 22nd
Easter Recess.....	Begins 4 P. M., Thursday, April 1st
Exercises Resumed.....	8:45 A. M., Tuesday, April 6th
Jamestown Day.....	Thursday, May 13th
Final Examinations.....	Close Saturday, June 5th
Baccalaureate Sermon.....	Sunday, June 6th
Final Celebrations of the Literary Societies.....	June 7th-8th
Alumni Day.....	Wednesday, June 9th
Closing Exercises of the Session.....	Thursday, June 10th

PART I

OFFICERS AND STUDENTS
HOLDERS OF SCHOLARSHIPS
DEGREES CONFERRED, 1912-1913
HISTORY
GROUNDS AND BUILDINGS

Board of Visitors

The Rector of the College,
ROBERT MORTON HUGHES.

The Visitors of the College

HON. JAMES NEW STUBBS, Vice-Rector,
Woods X-Roads, Gloucester County, Virginia.

HON. WILLIAM MUNFORD ELLIS,
Shawsville, Montgomery County, Virginia.

HON. JOSEPH HOWARD CHITWOOD,
Roanoke, Virginia.

HON. JAMES ROBERT JORDAN,
Smithfield, Virginia.

WILLIAM CHURCHILL LYONS TALIAFERRO, Esq.,
Hampton, Virginia.

ROBERT MORTON HUGHES, Esq.,
Norfolk, Virginia.

ISAAC PATRICK KANE,
Gate City, Virginia.

COLLEGE OF WILLIAM AND MARY.

7

HON. MANLY HOWELL BARNES,
New Kent, Virginia.

JOSEPH METTAUER HURT, Esq.,
Blackstone, Virginia.

GEORGE PRESTON COLEMAN, Esq.,
Williamsburg, Va.

The State Superintendent of Public Instruction,
HON. R. C. STEARNES, ex-officio,
Richmond, Virginia.

The Secretary of the Visitors,
LEVIN WINDER LANE, Jr.,
Williamsburg, Virginia.

Officers of Instruction and Administration

PRESIDENT AND MASTERS, OR PROFESSORS,
1913-1914.

LYON GARDINER TYLER, M. A., LL. D.,
President.

JOHN LESSLIE HALL, Ph. D.,
Dean of the Faculty.

LYON GARDINER TYLER, M. A., LL. D.,
Professor of Politics and Economics.

JOHN LESSLIE HALL, Ph. D.,
Professor of the English Language and Literature.

THOMAS JEFFERSON STUBBS, A. M., Ph. D.,
Professor of Mathematics.

VAN FRANKLIN GARRETT, A. M., M. D.,
Professor of Chemistry.

JOHN WOODSIDE RITCHIE, A. B.,
Professor of Biology.

RICHARD MCLEOD CRAWFORD, A. M.,
Professor of Drawing and Manual Arts.

HENRY EASTMAN BENNETT, A. B.,
Professor of Education and Associate Professor of Philosophy and
Supervisor of the Observation and Training School.

WILLIAM HOUSTON KEEBLE, B. S.,*

Professor of Physics.

JAMES SOUTHALL WILSON, M. A., Ph. D.,

Professor of History and Associate Professor of the English
Language and Literature.

JOHN CALDWELL CALHOUN, M. A., D. LIT., LL. D.,

Professor of Modern Languages.

GEORGE OSCAR FERGUSON, Jr., M. A.,

Professor of Philosophy and Psychology and Associate Professor of
Education.

WESLEY PLUMMER CLARK, M. A.,

Professor of Latin and Greek.

DEXTER WRIGHT DRAPER, M. D.,

Director of Athletics and College Physician.

JOHN TYLER, A. M.,

Adjunct Professor of Mathematics.

AMOS RALPH KOONTZ, A. M.,

Assistant in Biology.

CHARLES CHAPMAN SNOW, B. S.,

Assistant in Chemistry.

JOHN HALPIN WRIGHT, A. B. B. S.

Laboratory Assistant in Physics.

PERCY LEWIS WITCHLEY, A. B.,

Laboratory Assistant in Chemistry.

* On leave of absence during 1913-14.

Officers of Administration

LYON GARDINER TYLER, M. A., LL. D.,
President of the College.

JOHN LESSLIE HALL, Ph. D.,
Dean of the College.

HERBERT LEE BRIDGES, A. B.,
Registrar of the College and Secretary to the Faculty.

EMILY PRYOR CHRISTIAN,
Librarian and Secretary of the College.

LEON JERLE WALTON,
Assistant Librarian.

LEVIN WINDER LANE, Jr.,
Treasurer of the College and Secretary to the Board of Visitors.

MARY ANNE MORECOCK,
Secretary to the President.

Administrative Committees of the Faculty

The President is "Ex-officio" Chairman of all Committees.

I. Entrance Examinations and Student Supervision,
PROFESSORS RITCHIE, WILSON, KEEBLE, STUBBS,
CLARK.

II. Student Activities,
PROFESSORS KEEBLE, WILSON, CRAWFORD.

III. Public Activities and Publicity,
PROFESSORS CALHOUN, GARRETT, FERGUSON.

IV. Schedule, Curriculum and Degrees,
PROFESSORS HALL, KEEBLE, CLARK.

V. Library,
PROFESSORS BENNETT, CALHOUN, WILSON.

VI. Recommendations and Self-Help.
PROFESSORS GARRETT, BENNETT, RITCHIE.

VII. Normal Academy,
PROFESSORS WILSON, BENNETT, FERGUSON.

VIII. Catalogue,
PROFESSORS KEEBLE, WILSON, HALL.

Holders of Scholarships

1913-1914

The Graves Scholarship.....	Wilburn Stephen Shackleford
The Corcoran Scholarship.....	Henry Godwin Parker
The Chancellor Scholarship.....	William Cross Ferguson
The Soutter Scholarship.....	John William Massey
The Bennett Scholarship.....	Victor Ewart Gladstone Emery

State Student Honor Roll

Charles Clark Renick.
 Harvey Page Williams.
 John Robert Horne
 William Durham Harris
 Douglas Meriwether Griggs

Degrees Conferred

June, 1913.

DOCTORS OF LAWS.

Samuel B. McCormick, Chancellor of the University of Pittsburg.
 Gaillard Hunt, Chief of the Department of Archives, Library of Congress, Washington, D. C.

BACHELORS OF ARTS

Wilbur Robbins Dameron, Kinsale, Va.
 Sam Hildreth Hubbard, Forest Depot, Va.
 Arthur Wilson James, Bedford City, Va.
 John Dameron Moore, Portsmouth, Va.

Charles Harmon Schepmoes, Union Mills, Va.
Earl Baldwin Thomas, New York, N. Y.
Robert Clarence Warburton, Lightfoot, Va.
Percy Lewis Witchley, Camden, N. Y.
John Halpin Wright, Richmond, Va.

BACHELORS OF SCIENCE.

Alexander Brodowski, Brooklyn, N. Y.
Lemuel Francis Games, Norfolk, Va.
Wayne Carr Metcalf, Williamsburg, Va.
John Halpin Wright, Richmond, Va.
Alvin Francis Beale, Portsmouth, Va.

TEACHERS' DIPLOMAS

Alvin Carle Cooper, Lovettsville, Va.
Wilbur Robbins Dameron, Kinsale, Va.
Joseph Bronson Gale, Bobs, Va.
Andrew Leckie Garland, Warsaw, Va.
Douglas Meriwether Griggs, Big Island, Va.
Henry Rufus Hamilton, Nickelsville, Va.
John Robert Horne, Sugar Grove, Va.
Sam Hildreth Hubbard, Forest Depot, Va.
Edgar Alutus Leach, Chase City, Va.
William Francis Metcalf, Williamsburg, Va.
Thomas Sherman Neale, Heathsville, Va.
Charles Clark Renick, Callaway, Va.
Ernest Linwood Wright, Tappahannock, Va.

Register of College Students

1913-1914

Addington, Ray Rufus.....	Ridgeville, Ind.
Addison, Edward.....	Eastville, Northampton Co., Va.
Agee, James Lawrence, Jr.....	Teddy, Scott Co., Va.
Barnes, James Foster.....	Amelia, Va.
Barnes, Franklin Mason.....	Williamsburg, Va.
Beale, Alvin Francis.....	Richmond, Va.
Bennett, Burke Douglas.....	Chatham, Pittsylvania Co., Va.
Bertschey, Stanton Louis.....	Old Point, Va.
Blitzer, Max.....	Brooklyn, N. Y.
Bonney, John Harvey.....	London Bridge, Princess Anne Co., Va.
Booth, George Wythe.....	Middletown, Frederick Co., Va.
Boyd, James Henry.....	Portsmouth, Va.
Brent, William Seymour.....	Heathsville, Northumberland Co., Va.
Brooks, Gardiner Tyler.....	Williamsburg, Va.
Caldwell, George Thornhill.....	Concord Depot, Campbell Co., Va.
Campbell, Hugh Alexander, Jr.....	Mulberry Island, Warwick Co., Va.
Carter, Aubrey Eugene.....	Sparta, Caroline Co., Va.
Clary, Roane Alexander.....	Newville, Prince George Co., Va.
Coffield, John Albert.....	Portsmouth, Va.
Combs, Robert Lincoln.....	Jonesville, Lee Co., Va.
Cooke, Francis West.....	Gloucester, Va.
Davis, Sylvan Theron.....	Rose Hill, Lee Co., Va.
Derring, Paul Myron.....	Norfolk, Va.
Doss, Rob Roy.....	Drakes Branch, Charlotte Co., Va.
Drewry, Walter Leslie.....	Wakefield, Sussex Co., Va.
Duke, William James.....	Tappahannock, Essex Co., Va.
Emery, Victor Ewart Gladstone.....	Kinsman, Ohio
Ferguson, William Cross.....	Leesburg, Loudoun Co., Va.
Field, Edward Graham.....	Gloucester, Va.
Flick, John Alger.....	Norfolk, Va.
Forrest, Alfred Sylvester.....	Messick, York Co., Va.
Frey, Oliver Walter.....	Allentown, Pa.
Gardner, Claude Martin, Jr.....	Woodlawn Carroll Co., Va.
Garnett, Frank McCall.....	Buckingham, Va.
Gayle, Richard Brownley.....	Portsmouth, Va.
Geddy, George Ben.....	Williamsburg, Va.
Gilliam, Randolph Moore.....	Newport News, Va.

Gilliam, Robert Branch.....	Toga, Buckingham Co., Va.
Gillions, David Lionel.....	Cowart, Northumberland Co., Va.
Givens, Emmett Edmonson.....	Newport, Giles Co., Va.
Goode, Gordon Murray	Boydton, Mecklenburg Co., Va.
Gordon, Armistead Churchill, Jr.....	Staunton, Va.
Graves, Cecil Conrad.....	Marksville, Page Co., Va.
Gray, Oscar Stanley.....	Saluda, Middlesex Co., Va.
Grimsley, William Morgan.....	Van Dyke, Buchanan Co., Va.
Green, Laurie Collins.....	Surry, Va.
Gurley, Richard Hamilton.....	Pottstown, Pa.
Guy, Vernon Lawrence.....	Portsmouth, Va.
Ham, Richard Eugene Paddock.....	Spring Lake, N. J.
Hamlin, Charles Hunter.....	Burkeville, Va.
Harris, Herman Lee.....	Coeburn, Wise Co., Va.
Harris, William Durham.....	Virgilina, Halifax Co., Va.
Healy, Charles Waples.....	Mathews, Va.
Healy, John Hilliard.....	Churchview, Middlesex Co., Va.
Hedrick, John Wilmer.....	Bane, Giles Co., Va.
Holler, Carl Wise.....	Terre Haute, Ind.
Huffines, John Davis.....	Reidsville, N. C.
Humphries, E. C.....	Fentress, Norfolk Co., Va.
Hucheson, Charles Sterling.....	Boydton, Mecklenburg Co., Va.
Hurt, Samuel Handsford.....	Blackstone, Va.
James, Edwin Ralph.....	Dendron, Surry Co., Va.
Jenkins, Floyd Franklin.....	Carrsville, Isle of Wight Co., Va.
Jennings, Clarence.....	Hickory, Norfolk Co., Va.
Jennings, Nathaniel Hall.....	Toano, James City Co., Va.
Jones, Hugh Howard.....	Williamsburg, Va.
Jones, Lewis, Jr.....	Urbanna, Middlesex Co., Va.
Kennedy, Carroll.....	Stony Creek, Sussex Co., Va.
Keyser, Joe DeJarnette.....	Washington, Rappahannock Co., Va.
Ladd, Clifford Pierpont.....	Williamsburg, Va.
Lawson, John Raymond.....	Hat Creek, Campbell Co., Va.
Lewis, Henry Martin.....	Naola, Amherst Co., Va.
Lewis, Edward Stuart.....	Bristol, Va.
Lupton, Thomas Allen.....	Bedford City, Va.
Major, Everett Waverly.....	Stormont, Middlesex Co., Va.
Massie, Robert Lee.....	Washington, Rappahannock Co., Va.
Massey, John William.....	Newport News, Va.
Mauzy, Robert Eagle.....	Hightown, Highland Co., Va.
McAllister, James Rowan.....	Norfolk, Va.
McCormick, Walter Lee.....	Pulaski, Va.
Mitchell, Benjamin Burrass, Jr..	Washington, Rappahannock Co., Va.
Morrisette, Roy Thomas.....	Charlotte C. H., Va.

Moss, Peyton Harris.....	Buckingham, Va.
Muncaster, Charles Ashley.....	Norfolk, Va.
Newton, Robert Murphy.....	Hague, Westmoreland Co., Va.
Norris, Walter Devany.....	Sussex, Va.
Nourse, Walter Burton.....	Casanova, Fauquier Co., Va.
O'Neill, John Brooks.....	New London, Conn.
Outland, Grover Cleveland.....	Boaz, Isle of Wight Co., Va.
Ownbey, Arthur Dennis.....	Grundy, Buchanan Co., Va.
Page, Robert Massie.....	Batesville, Albemarle Co., Va.
Palmer, Richard Otis.....	Urbanna, Middlesex Co., Va.
Parker, Henry Godwin.....	Portsmouth, Va.
Peachy, Bathurst Dangerfield.....	Williamsburg, Va.
Petty, Oscar Viers.....	Louisa, Va.
Pierce, Alfred Kerkley, Jr.....	Capron, Southampton Co., Va.
Prillaman, Henry Andrew.....	Callaway, Franklin Co., Va.
Quillen, Charles Martin.....	Gate City, Scott Co., Va.
Ramey, William Barlow.....	Clinch, Scott Co., Va.
Rash, David Orgain.....	Rody, Lunenburg Co., Va.
Redden, Karl Henry.....	Chincoteague, Accomac Co., Va.
Renick, Charles Clark.....	Callaway, Franklin Co., Va.
Ribble, Frederick Deane Goodwin.....	Petersburg, Va.
Roane, Robley David.....	Cash, Gloucester Co., Va.
Rosenbalm, Robert Lee.....	Rose Hill, Lee Co., Va.
Rothwell, Stuart.....	North Garden, Albemarle Co., Va.
Rumble, Gerould McLean.....	Norfolk, Va.
Scheie, Leif Ericson.....	Williamsburg, Va.
Schepmoes, Charles Harmon.....	Union Mills, Fluvanna Co., Va.
Scott, Charles Alexander.....	Brookneal, Campbell Co., Va.
Settle, Thomas Henry.....	Flint Hill, Rappahannock Co., Va.
Shackelford, Wilburn Stephen.....	Richmond, Va.
Shands, William Ridley.....	Courtland, Southampton Co., Va.
Shiers, Winfield.....	Lawrence, Mass.
Shockley, Noan.....	Sylvatus, Carroll Co., Va.
Smith, John Waller.....	Waynesboro, Va.
Smith, Jesse Fielding.....	Banco, Madison Co., Va.
Smyth, Arlington Raymond.....	Pennington Gap, Lee Co., Va.
Somers, Wilson Edward.....	Bloxom, Accomac Co., Va.
Spratley, Philip Warren.....	Surry, Va.
Stephens, Jas. Warren....	Wicomico Church, Northumberland Co., Va.
Stone, Webster Thompson.....	Ordsburg, Brunswick Co., Va.
Swecker, Arlie David.....	Monterey, Highland Co., Va.
Swecker, Harry Tucker.....	Monterey, Highland Co., Va.
Swecker, Jennings Judy.....	Monterey, Highland Co., Va.
Taylor, John Eldredge.....	Chase City, Va.

Taylor, Preston Philips.....	Urbanna, Middlesex Co., Va.
Thorpe, H. Wilson.....	Dumbarton, Henrico Co., Va.
Tilley, William Benjamin.....	Norfolk, Va.
Tilley, Thomas Chapman.....	Norfolk, Va.
Tolson, Frank Bowie, Jr.....	Urbanna, Middlesex Co., Va.
Trice, John Barret.....	Louisa, Va.
Tucker, Arthur Peoples.....	Merry Mount, N. C.
Tucker, John Lewis.....	Merry Mount, N. C.
Turner, Henry Atwill.....	Lynchburg, Va.
Van Horne, Harry Randall.....	Wheeling, W. Va.
Waddill, James Thomas.....	Victoria, Lunenburg Co., Va.
Wallace, Robert Perry.....	Hampton, Va.
Walton, Leon Jerl.....	Pendletons, Louisa Co., Va.
Waybright, Homer Newman.....	Crabbottom, Highland Co., Va.
Wells, Edward Brent.....	Virginia Beach, Princess Anne Co., Va.
Wilkinson, Thomas Epa.....	Olo, Lunenburg Co., Va.
Williams, Harvey Page.....	Brookneal, Campbell Co., Va.
Winsbro, William Wesley.....	Front Royal, Va., R. F. D.
Witchley, Percy Lewis.....	Camden, N. Y.
Womack, Hugh Leonard.....	Vernon Hill, Halifax Co., Va.
Wood, Basil Manly.....	Fentress, Norfolk Co., Va.
Woods, Bittle Winfred.....	Pearisburg, Giles Co., Va.
Woodson, Wilbert Tucker.....	Crozet, Albemarle Co., Va.
Wright, Ernest Linwood.....	Tappahannock, Essex Co., Va.
Wright, John Halpin.....	Richmond, Va., R. F. D.
Young, Jacob Morriss.....	Exmore, Northampton Co., Va.
Zehmer, George Baskerville.....	McKenney, Dinwiddie Co., Va.
Zion, William Earl.....	Pennington Gap, Lee Co., Va.

Register of Academy Students

1913-1914

Ballard, John Mill, Jr.	Carrsville, Isle of Wight Co., Va.
Barnett, Rowland David	Barnetts, Charles City Co., Va.
Burford, Edward Scott	Waugh, Bedford Co., Va.
Burt, Howard Bernice	Dendron, Surry Co., Va.
Calhoun, William Bryan	Ridgely, Tenn.
Carpenter, Fred Arlington	Madison, Va.
Carr, James Frederic	Hampton, Va.
Chaney, John Grammar	Houston, Halifax Co., Va.
Cooke, Leonard Hope	Hampton, Va.
Corbell, John David	Newport News, Va.
Crockett, Cecil Clinton	Waterview, Middlesex Co., Va.
Early, Frank Purver	Bluefield, W. Va.
Edwards, Harry Hooper	Palls, King William Co., Va.
Elcan, Paul Barringer	Sheppards, Buckingham Co., Va.
Farmer, William Wilkins	Virgilina, Halifax Co., Va.
Fentress, Wilbur Burwell	Norfolk, Va.
Fletcher, William Roy	Dot, Lee Co., Va.
Forbes, Charles William	Farmville, Va.
Gaulding, Hardy Munford	Meherrin, Lunenburg Co., Va.
Geddy, Vernon Meredith	Williamsburg, Va.
Gilliam, Maxie Parker	Crittenden, Nansemond Co., Va.
Harrison, Leonidas Carling	McKenney, Dinwiddie Co., Va.
Hudson, Benjamin Harrison	Lohore, Orange Co., Va.
Hudson, John Guy	Lohore, Orange Co., Va.
Huffines, Thurber Gray	Reidsville, N. C.
Hunt, Paul Brown	Odd, York Co., Va.
Inman, Harry Curlis	Williamsburg, Va.
Jackson, Douglas Cary	Keswick, Albemarle Co., Va.
Jones, Ransom Richard	Dinwiddie, Va.
Jones, Robert Eldridge	Franklin, Southampton Co., Va.
Jones, Raymond Leslie	Saluda, Middlesex Co., Va.
Joyce, Willie Lee	Shuff, Patrick Co., Va.
King, Keister Becket	South Boston, Halifax Co., Va.
Lane, George Jordan	Williamsburg, Va.
Lewis, Ernest J.	Williamsburg, Va.
Lipscomb, Herndon Terry	Tunstall, New Kent Co., Va.
Lohr, Durward Preston	Brightwood, Madison Co., Va.
Maddox, Arthur Lee	Naruna, Campbell Co., Va.
Mattox, Ernest Lenwood	Leesville, Campbell Co., Va.

Maynard, Leonard Henley.....	Williamsburg, Va., R. F. D.
Mitchell, Howard Lysle.....	Callands, Pittsylvania Co., Va.
Moncure, Henry Trevilian.....	Williamsburg, Va.
Moore, Richard Aubrey.....	Tunstall, New Kent Co., Va.
Moore, Oscar Farkner.....	Wylliesburg, Charlotte Co., Va.
Neblett, Clarence Broadwater.....	Kinderwood, Lunenburg Co., Va.
Neblett, William Edwin.....	Lunenburg, Va.
Norton, Wilbert Henry.....	Deltaville, Middlesex Co., Va.
Nunnally, Samuel Logan.....	Petersburg, Va.
Ozlin, Perry Andrews.....	Haskins, Lunenburg Co., Va.
Pollard, W. G.....	Aylett, King William Co., Va.
Powell, James O.....	Waterview, Middlesex Co., Va.
Powers, Willie Andrew.....	Northwest, Norfolk Co., Va.
Pullen, Thomas Granville, Jr.....	Grafton, York Co., Va.
Robertson, Isaac Wiley.....	Callaway, Franklin Co., Va.
Robinette, William Beauregard.....	Dot, Lee Co., Va.
Robinson, Ellyson S.....	Newport News, Va.
Robinson, Albert Pemberton.....	Skyron, King William Co., Va.
Scott, Elmon.....	Holland, Nansemond Co., Va.
Seekford, Ben Harrison.....	Luray, Page Co., Va.
Simms, Henry Harrison.....	Thornhill, Orange Co., Va.
Smith, Conway Booker.....	Urbanna, Middlesex Co., Va.
Smith, Forester McKay.....	Richmond, Va.
Smith, Lee Emerson.....	Guinea Mills, Cumberland Co., Va.
Somers, Harry Christlef.....	Bloxom, Accomac Co., Va.
Sotheron, George Mortimer.....	Flint Hill, Rappahannock Co., Va.
Spencer, Edward Dudley.....	Williamsburg, Va.
Stedman, Vance.....	Stuart, Patrick Co., Va.
Stryker, Henry Morris.....	Grove, York Co., Va.
Taliaferro, Philip Allen.....	Warsaw, Richmond Co., Va.
Taylor, Robert Cowles.....	Newport News, Va.
Tomlinson, Robert.....	Petersburg, Va.
Tuck, William McKinley.....	Virgilina, Halifax Co., Va.
Tucker, Thomas Adams.....	Goldleaf, Mecklenburg Co., Va.
Turner, David Ozlin.....	Turner, Brunswick Co., Va.
Wallace, Benjamin Franklin.....	Woodend, Lunenburg Co., Va.
Webb, James Duncan.....	McClelland, Isle of Wight Co., Va.
Webb, Nathaniel Jarrett.....	McClelland, Isle of Wight Co., Va.
Weisel, Samuel Ries.....	Norfolk, Va.
West, Willie Cylde.....	Vesta, Patrick Co., Va.
Williams, Charles Edward.....	Birmingham, Ala.
Wilson, Julius Franklin.....	Isle of Wight, Va.
Wood, Irvin Quarles.....	Columbia, Fluvanna Co., Va.
Woodson, Isaac Hill.....	Lexington, Va., R. F. D. No. 2
Wood, Claude Reams.....	Wingina, Buckingham Co., Va.

Register of Summer Session Students

1913

Agee, Kenneth Arnold.....	Hiltons, Scott Co., Va.
Ainsworth, Andrew.....	Portsmouth, Va.
Akers, Lewis Elbert.....	Snowville, Pulaski Co., Va.
Alexander, Kenneth Baldwin.....	Newbern, Pulaski Co., Va.
Alford, Clarence.....	Dublin, Pulaski Co., Va.
Bailey, George Thomas.....	Dryden, Lee Co., Va.
Bennington, Seth.....	Cedar Springs, Smyth Co., Va.
Bishop, Joseph Mosby.....	Duffield, Scott Co., Va.
Blackwell, Herbert Hatchett.....	Kenbridge, Lunenburg Co., Va.
Booth, George Wythe.....	Middletown, Frederick Co., Va.
Brown, Wade Thomas.....	Williamsburg, Va.
Byrd, Walter.....	Dublin, Pulaski Co., Va.
Borkey, Andrew Verbin.....	Bowling Green, Caroline Co., Va.
Carroll, Thomas Fitzgerald.....	Schoolfield, Pittsylvania Co., Va.
Castle, James Scott.....	Gate City Scott Co., Va.
Clary, Hugh Valentine.....	Disputant, Prince George Co., Va.
Clements, James David.....	Ordinary, Gloucester Co., Va.
Collins, John Richmond.....	Galax, Grayson Co., Va.
Cox, John Calvin.....	Pipers Gap, Carroll Co., Va.
Currie, Lauchlin McLauren.....	Dublin, Pulaski Co., Va.
Darst, Edward Gilmer.....	Dublin, Pulaski Co., Va.
Davis, Maurice Cyril.....	Rose Hill, Lee Co., Va.
Davidson, Evert Luther.....	Gate City, Scott Co., Va.
Deierhoi, William Hansen.....	Highland Springs, Henrico Co., Va.
Derflinger, John Wesley.....	Front Royal, Warren Co., Va.
Early, Frank Purver.....	Bluefield, W. Va.
Early, James Kent.....	Hillsville, Carroll Co., Va.
Early, Howard.....	Hillsville, Carroll Co., Va.
Elcan, Elijah Griggs.....	Valdosta, Ga.
Fletcher, Edmund Livingston, Jr.....	Norfolk, Va.
Fugate, Robert Elmer.....	Nickelsville, Scott Co., Va.
Geddy, George Ben.....	Williamsburg, Va.
Goodwin, Frederick Deane.....	Ashland, Va.
Grimsley, William Morgan.....	VanDyke, Buchanan Co., Va.
Gilliam, David Lionel.....	Cowart, Northumberland Co., Va.
Hamlin, Charles Hunter.....	Burkeville, Nottoway Co., Va.

Hamilton, Henry Rufus.....	Nickelsville, Scott Co., Va.
Harris, Herman Lee	Coeburn, Wise Co., Va.
Ingle, John Preston.....	Flatwoods, Wise Co., Va.
Ingram, Harry.....	Dublin Pulaski Co., Va.
Jennings, Clarence.....	Hickory, Norfolk Co., Va.
Jennings, Joseph Carbon.....	Gate City, Scott Co., Va.
Jenkins, Floyd Franklin.....	Carrsville, Isle of Wight Co., Va.
Joyce, William Lee.....	Shuff, Patrick Co., Vr.
Kyle, Zelma Talmage.....	Galax, Grayson Co., Va.
Landes, Benjamin Franklin.....	Blacksburg, Va.
Lester, Walter Calahill.....	Elamsville, Patrick Co., Va.
Lewey, Frank Allen.....	White Gate, Giles Co., Va.
Lohr, Durward Preston.....	Brightwood, Madison Co., Va.
Lyon, William Southworth.....	Pulaski, Va.
Massie, Welford Jackson.....	Lousia, Va.
Mitchell, Howard Lysle.....	Callands, Pittsylvania Co., Va.
Muncaster, Charles Ashley.....	Norfolk, Va.
McAllister, James Rowan.....	Norfolk, Va.
Outland, Grover Cleveland.....	Boaz, Isle of Wight Co., Va.
Parker, Henry Godwin.....	Portsmouth, Va.
Peachy, Bathurst Dangerfield.....	Williamsburg, Va.
Phillips, Harry Newton, Jr.....	Williamsburg, Va.
Powers, Rufus Lafayette.....	Foraker, Dickenson Co., Va.
Powers, Russell.....	Foraker, Dickenson Co., Va.
Prillaman Rufus Alkanah.....	Callaway, Franklin Co., Va.
Presson, John Morris.....	Hampton, Va.
Ramey, William Barlow.....	Clinch, Scott Co., Va.
Rash, David Organ.....	Rhody, Lunenburg Co., Va.
Roberts, Russell Watson.....	Saluda, Middlesex Co., Va.
Ryder, Grover Cleveland.....	Republican Grove, Halifax Co., Va.
Schepmoes, Charles Harmon.....	Union Mills, Fluvanna Co., Va.
Shockley, John Calvin, Jr.....	Stuart, Patrick Co., Va.
Straley, William Thomas.....	Lynchburg, Va.
Sulfridge, Hugh Leander.....	Coeburn, Wise Co., Va.
Tucker, John Lewis.....	Merry Mount, N. C.
Vaden, Herbert Wentworth.....	Chatham, Pittsylvania Co., Va.
Walker, Roby Livingston.....	Woodlawn, Carroll Co., Va.
Walker, Robert Henry.....	Stevensville, King and Queen Co., Va.
Wash, Atwood Melville.....	Apple Grove, Louisa, Co., Va.
Watts, Cecil Everett.....	Williamsburg, Va.

Wilkins, James Arthur.....	Portsmouth, Va.
Worrell, Ralph Charles.....	Dublin, Pulaski Co., Va.
Young, Herbert Heldruff.....	Williamsburg, Va.
Number of students in the College.....	153
Number of students in the Academy.....	84
Total	237
Number of students in the Summer Session	81
Total roster	318

College Students by Classes

GRADUATE STUDENTS.

Schepmoes, Charles Harmon Witchley, Percy Lewis
 Wright, John Halpin

Class of 1914.

Beale, Alvin Francis	Scheie, Lief Ericson
Blitzer, Max	Taylor, John Eldredge
Drewry, Walton Leslie	Tucker, John Lewis
Hamlin, Charles Hunter	Turner, Henry Atwill
Parker, Henry Godwin	Vaden, Herbert Wentworth
Peachy, Bathurst Dangerfield	Winsbro, William
Womack, Hugh Leonard	

Class of 1915.

Barnes, Franklin Mason	Jones, Lewis
Cooke, Franklin West	McAllister, James Rowan
Emery, Victor E. G.	Nourse, Walter Burton
Harris, Herman Lee	Outland, Grover Cleveland
Healy, John Hillard	Renick, Charlie Clark
Holler, Carl Wise	Smith, John Waller
Jennings, Clarence	Somers, Wilson Edward
Jones, Hugh Howard	Taylor, Preston Philips
Wright, Ernest Linwood	

Class of 1916.

Addington, Ray Rufus	Massey, John William
Barnes, James Foster	Moss, Peyton Harris
Bennett, Burke Douglas	Muncaster, Charles Ashley
Caldwell, George Thornhill	O'Neill, John Brooks
Campbell, Hugh Alexander	Palmer, Richard Otis
Combs, Robert Lincoln	Pierce, Alfred Kerkley
Davis, Sylvan Theron	Rosenbalm, Robert Lee
Duke, William James	Scott, Charles Alexander
Ferguson, William Cross	Shackelford, Wilbur Stephens

Forrest, Alfred Sylvester	Shiers, Winfield
Frey, Oliver Walter	Shockley, Noan
Garnett, Frank McCall	Stephens, James Warren
Gillions, David Lionel	Thorpe, H. Wilson
Givens, Emmett Edmonson	Tilley, Thomas
Goode, Gordon Murray	Tucker, Arthur Peoples
Guy, Vernon Lawrence	Van Horne, Harry Randall
Harris, William Durham	Walton, Leon Jerl
Hedrick, John Wilmer	Wells, Edward Brent
Huffines, John Davis	Wilkinson, Thomas Eppa
James, Edwin Ralph	Williams, Harvey Page
Jennings, Nathaniel Hall	Woods, Bittle Winifred
Lewis, Henry Martin	Woodson, Wilbert Tucker
Lewis, Edward Stuart	Zehmer, George Baskerville
Major, Everett Waverly	Zion, William Earl

Class of 1917.

Addison, Edward	McCormick, Walter Lee
Agee, James Lawrence, Jr.	Massie, Robert Lee
Bertschey, Stanton Louis	Mauzy, Robert Engle
Bonney, John Harvey	Mitchell, Benjamin Burrass, Jr.
Booth, George Wythe	Morrisette, Ray Thomas
Boyd, James Henry	Newton, Robert Murphy
Brent, William Seymour	Norris, Walter Devaney
Brooks, Gardiner Tyler	Dwnbey, Arthur Dennis
Carter, Aubrey Eugene	Page, Robert Massie
Clary, Roane Alexander	Petty, Oscar Viers
Coffield, John Albert	Prillaman, Henry Andrews
Derring, Paul Myron	Quillen, Charles, Jr.
Doss, Rob Roy	Ramey, William Barlow
Field, Edward Graham	Rash, David Orgain
Flick, John A.	Redden, Karl Henry
Gayle, Richard B.	Ribble, Frederick Deane Goodwin
Gardner, Claude Martin, Jr.	Roane, Robley David
Geddy, George Ben	Rothwell, Stuart
Gilliam, Randolph Moore	Rumble, Gerould McLean
Gilliam, Robert Branch	Settle, Thomas Henry
Gordon, Armistead Churchill, Jr.	Shands, William Ridley
Graves, Cecil Conrad	Smith, Jesse Fielding
Gray, Oscar Stanley	Spratley, Philip Warren
Green, Laurie Collins	Smyth, Arlington Raymond
Grimsley, William Morgan	Stone, Webster Thompson
Gurley, Richard Hamilton	Swecker, Arlie David

Ham, Richard Eugene Paddock	Swecker, Harry Tucker
Healy, Charles Waples	Swecker, Jennings Judy
Humphries, E. C.	Tilley, William Benjamin
Hurt, Samuel Handsford	Tolson, Frank Bowie, Jr.
Hutcheson, Charles Sterling	Trice, John Barret
Jenkins, Floyd Franklin	Waddill, James Thomas
Kennedy, Carroll	Wallace, Robert Perry
Keyser, Joe DeJarnett	Waybright, Homer Newman
Ladd, Clifford Pierpont	Wood, Basil Manly
Lawson, John Raymond	Young, Jacob Morris
Lupton, Thomas Allen	

History

C HARTERED in 1693 by an English king and queen, and bearing their names, the College of William and Mary, fostered by royalty and the care of the Bishop of London, soon became associated with all the activities of early Virginia. Its dormitories bear the name of the English estate of the Brufferton in Yorkshire, on the one hand, and on the other the names of Virginia's distinguished sons, Ewell and Taliaferro. The president's house, accidentally destroyed by fire, was restored at the private cost of a king of France, and the statue of the popular royal governor, Lord Botetourt, still stands on a campus made sacred by the footsteps of the patriots, Washington, Jefferson, Marshall and Monroe.

The college lived on with a fair degree of success under its first president, Dr. James Blair, until October 29, 1705, when it was unfortunately burned. The work of teaching went forward in spite of this disaster, and in 1711, the college had been rebuilt upon the old walls; with the addition in 1723 of the new Brufferton building, which was at first used as the Indian School. Later the south wing was added to the college building for a chapel, in 1732, and in the same year the foundation of the president's house was laid.

President Blair, by whom the college had been chiefly founded and through whose abilities it had prospered, died in 1743; and the Professor of Moral Philosophy, Dr. William Dawson, succeeded him as president. It was during President Dawson's administration that George Washington received his appointment from the college as county surveyor for Fairfax. The next president was the historian of Virginia, William Stith, who came to the office after Dr. Dawson's death in 1752.

Through a checkered career, as full of strife as of usefulness, the college, with a faculty of seven, went on in her labors, training men for the important struggle that was to come. During

this period the presidents were Rev. Thomas Dawson, 1755-'61; Rev. William Yates, 1761-'64; Rev. James Horrocks, 1764-'71; and Rev. John Camm, 1771-77. During this latter period, Lord Botetourt in 1771 donated a number of medals to the college, which were the first to be awarded in America as collegiate prizes. On December 5, 1776, the famous Phi Beta Kappa, the first and most distinguished of all Greek-letter fraternities, was founded by students of the college.

The character of the students of this early period of William and Mary's history may be judged by the influence of its alumni upon the making of the nation: three presidents of the United States attended classes at the College: Jefferson, Monroe and Tyler, and of these, two were students before the Revolution. Fifteen governors of Virginia were from these halls, and some of the most distinguished among them, Jefferson, Benjamin Harrison, the Randolphs and John Page, were of the early days. Four signers of the Declaration of Independence, and Marshall, Blair, Bushrod Washington and Philip P. Barbour, of the Supreme Bench, swell the honor roll of those bygone days. Many as the distinguished sons of the college in later years have been, no period in its history has equaled in results the pre-Revolutionary times.

Throughout the Revolution the college continued its exercises save for a short period at the time of the Yorktown campaigns, when Williamsburg became for a while almost the center of the Revolution. The president's house suffered by fire, after having been the headquarters of Lord Cornwallis. As it was burned during its occupation by the French, it was restored at their expense.

In 1777 Rev. James Madison was elected president, and under his energetic management the college entered upon a new era. At this time Thomas Jefferson became a member of the Board of Trustees of the college, and put into operation many of his educational ideas. The college was changed to a university, and schools of modern language and municipal law—the first of their kind in America—were introduced. A general lecture system was instituted and free election was permitted

among the courses offered. The first principles of the honor system may also be discerned at this time. George Wythe, the professor of law, and James McClurg, professor of medicine, vied with President Madison in distinction. Although President Madison became the first bishop of the Episcopal Church in Virginia, the college never resumed its connection with the denomination after the Revolution.

President Madison died in 1812, having held the presidency since his twenty-eighth year; and the college suffered another loss in the transference of Jefferson's patronage soon afterward to his projected university at Charlottesville. The first presidents who followed were Rev. John Bracken, 1812-'14; John Augustine Smith, M. D., 1814-'26; Rev. William H. Wilmer, 1826-'27; Rev. Adam Empie, 1827-'36, and Thomas R. Dew, 1836-'46.

Under President Dew and a remarkably able Faculty, the attendance was increased to 140 in 1839, a larger number than had hitherto attended the college during any session. A brief period of internal strife was followed by a revival of strength and influence under Presidents Johns and Ewell. The presidents after Dew were Robert Saunders, 1846-'7; Benjamin S. Ewell, 1848; Bishop John Johns, 1849-'54, and B. S. Ewell, 1854-'88. In 1859 the main building of the college was burned for the second time, and the precious contents of the library destroyed. The war brought a suspension of the work of the college in 1861, and during the civil strife the main building was destroyed by fire for the third time; not, however, as before, by accident, but at the hands of Federal soldiers.

The Federal Government reimbursed the college for this loss in 1893.

After the war, the college opened in 1865, with Colonel Benjamin S. Ewell again acting as president. An effort to remove the college to Richmond was defeated, and the burnt buildings were restored; but for financial reasons the work of the college was suspended from 1881 until 1888.

With the assistance of the State, there was a reorganization in 1888, with Lyon G. Tyler as president. A period of new life

and usefulness was begun, and soon the college reached the most prosperous state in its history. In 1906 the college became strictly a State institution, operated by a board appointed by the Governor of Virginia. Since the reopening of the college several new buildings have been erected and the number of professorships increased. A gymnasium, infirmary, science hall and library were built, and the working apparatus of every department is constantly being improved. The student body itself has increased in numbers, and is more satisfactorily prepared; the standard of requirements for entrance into college work and for the attainment of degrees has been materially raised. A spirit of wholesome growth and advancement is felt throughout the entire body-corporate of the institution.

The Grounds and Buildings

The buildings of the College of William and Mary are situated upon a triangular campus, which is shaded by a beautiful grove. The total area of the campus is thirty acres, the western portion of which is utilized principally for the athletic grounds, including a large enclosed park and tennis courts.

The main college building is the largest and oldest of the buildings and most of its walls are those of the original structure of 1693. In this are the lecture rooms used by the departments of English, Mathematics, Latin, Greek and Modern Languages, Philosophy and Education, and History; and the halls of the two literary societies and the study hall. The south wing of this building is the chapel, in which are many interesting portraits, with tablets erected to the memory of distinguished alumni. The north wing is used by the department of Drawing and Manual Arts.

The remainder of the lecture rooms are situated in the Science Hall. The departments of Physics and Chemistry occupy the first floor. The north side, used for Chemistry, is divided into a lecture room, a laboratory, an apparatus room and a dark room. The Chemistry lecture room provides for seventy students; has modern folding seats with arm rests, slate blackboards, steam heat, water and electricity, lecture table, and cases for holding chemical apparatus, ores and minerals. The chemical laboratory accommodates fifty-six students working together.

The department of Physics occupies three rooms on the south side of the Science Hall, first floor. The laboratory is equipped with a good grade of apparatus that permits of accurate quantitative work. The equipment includes magnetometers, galvanometers of different types, resistance boxes of high grade, a fairly complete line of ammeters and voltmeters, spectrometers, polariscopes, and gratings. In the basement are located a good storage battery and motor-generator set. The laboratory is thus sup-

plied with both direct and alternating current of wide range of voltage.

Biological laboratories are on the second floor, and are equipped with compound microscopes and other necessary apparatus. The location of the College gives the biological department the advantage of a rich and easily accessible supply of plant and animal forms for laboratory and field study.

On the second floor of this building are also the Faculty room, the Registrar's office, and the lecture room used by the department of American History and Politics.

In front of the main building and facing on the grove, are the President's house and Braxferton Hall. The former was built in 1732, and has been the residence of the successive presidents of the institution. Braxferton Hall was built in 1723, and until 1793 accommodated the Indian school. Since the discontinuance of the Indian school, it has been used as a dormitory. Two other dormitories, the Ewell and Taliaferro Buildings, are situated on the south side of the main thoroughfare leading to Jamestown. On the first floor of the Ewell Building is the dining hall, which seats all the students in the college boarding department.

The Gymnasium Building, erected in 1901, has an excellent equipment, and is itself one of the best gymnasiums in the South. It is furnished with lockers for the use of the students, and has a bath room with tub, shower and spray baths. On the second floor is the room used by the Young Men's Christian Association of the college.

The Library Building, made possible by the generosity of friends of the college, was completed in 1908. It contains twenty thousand volumes, many of them very rare. The building is of brick, with stone trimmings, is eighty feet in length by thirty feet in breadth, with the stack room on the north side. The library is open for the use of the students six hours each day and two hours each night.

The college has a commodious and well-ventilated infirmary. So good is the health of the students, however, that the build-

ing is little used, except as an office for the college physician, and for meetings of the Board of Visitors.

The college buildings are supplied with pure artesian water, distributed by pipes, and are heated by steam. All buildings and grounds are lighted by electricity. The new power and heating plant, erected at a cost of \$30,000, is one of the best in the state. Two boilers of one hundred horsepower each furnish steam heat for all the buildings and power for driving the two alternating current, fifty kilowatt dynamos.

The athletic field contains twenty-five acres, which lie back of the main building. It provides excellent facilities for outdoor sports.

PART II.

ENTRANCE REQUIREMENTS.

GOVERNMENT AND REGULATIONS.

EXPENSES.

HONORS AND DEGREES.

ANNOUNCEMENT OF COLLEGIATE COURSES.

College Entrance Requirements*

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- I. AGE.—The applicant must be at least sixteen years of age.
 - II. CHARACTER.—He must give satisfactory evidence of good moral character. *A certificate of honorable discharge from the last school attended must be presented.*
 - III. PREPARATIONS.—He must show adequate preparation, either by taking an examination on the subjects required for admission as outlined fully below, or by presenting a certificate signed by the principal of a standard high school, or other institution of equal rank, showing the satisfactory completion of the necessary amount of work. All applicants for admission by certificate should carefully read the statement below entitled, "Admission by Certificate."

The requirements for admission are defined in terms of units. *The unit should represent approximately one-fourth of a year's work of high school grade and should amount to five recitation periods per week of at least forty-five minutes each for a session of at least thirty-six weeks.*

FULL ADMISSION

For full admission to the first year of the college the candidate must present fourteen units, of which *three* must be in English, *two and one-half* in Mathematics, and *one* in History. In addition to the above six and one-half units the candidate for the degree of Bachelor of Arts must present *three* units in Latin, and the candidate for the degree of Bachelor Scince must pre-

* The College of William and Mary maintains a Normal Academy. The Academy offers three years of academic and normal instruction, which, correlated with and continued by two years of required work in the College, make up the five years of the Normal Course for Teachers leading to the Teachers' Diploma. The Academy has its own corps of instructors and the work is separate from that of the College. For entrance requirements to the Normal Academy see page 106.

sent *one* unit in science and either *two* units in Latin or *two* units in Modern Languages. The other *four and one-half* units may be selected from the list of "Subjects Accepted for Entrance" tabulated below.

CONDITIONED STUDENTS

Candidates for admission who cannot present the fourteen units required for full admission will be admitted on *twelve* units, provided at least six of the twelve units are from the list of those required for full admission to the A. B. or B. S. courses. Conditioned students will be required to make up as many of their deficiencies as possible during the first year, and any deficiencies not made up the first year must be made up the second year. Any condition which the student has not removed by the end of his second year in college will be removed by counting college courses for this purpose on the basis of five college credits for one entrance unit. Courses so used cannot later be counted toward a degree.

ADMISSION BY CERTIFICATE

While admission to college by certificate is allowed on graduation from standard high schools or other institutions of equal rank, it is necessary to know the character and content of the high school courses on which the certificate is based in order that the proper number of entrance units may be ascertained. *The candidate for admission should therefore carefully note the following requirements.* The certificate should be made out on the proper blank form furnished by the college. It should be made out and signed by the principal of the school which the student attended; must specify the character and content of each course on which entrance credit is sought; must give the number of weeks the study was pursued, the number of recitation periods per week and the length of each recitation period; must give the date of examination and the candidate's grades in percentages.

A full entrance unit will be allowed only on those courses which have been pursued for a full year of thirty-six weeks with five recitation periods per week of not less than forty-five min. each. For courses in which the number of periods given to the subject, or the length of the period is below the standard here specified, the entrance credit on such subject will be reduced proportionately.

It is very necessary that the certificates be carefully prepared. Candidates for admission should always write to the Registrar of the college for the necessary entrance blanks, and should have the certificate made out and signed by the principal of the school before leaving home. It is very desirable that the certificate be sent to the Registrar of the college two weeks before college opens. Candidates not prepared for entrance can then be notified before they leave home.

When a student is admitted by certificate the admission is always conditioned on his ability to do satisfactory work in the courses undertaken.

SUBJECTS ACCEPTED FOR ENTRANCE.

The individual units in this table will be reckoned on the basis of five forty-five minute periods per week for a session of thirty-six weeks.

SUBJECTS.	TOPIC.	UNITS
English A . . .	English Grammar and Analysis (required)	1
English B . . .	Composition and Rhetoric (required)	1
English C . . .	Literature (required)	1
English D . . .	History of English Literature (optional)	1
Mathematics A	Algebra to Quadratics (required)	1
Mathematics B	Quadratics, Progression, Binomials, etc. (required)	½
Mathematics C	Plane Geometry (required)	1
Mathematics D	Solid Geometry (optional)	½
Mathematics E	Plane Trigonometry (optional)	½
Latin A . . .	Grammar and Composition (required for A. B.)	1
Latin B . . .	Cæsar—4 Books (required for A. B.)	1
Latin C . . .	Cicero—6 Orations (required for A. B.)	1
Latin D . . .	Virgil—6 Books (optional)	1
History A . . .	Greek and Roman	1
History B . . .	Medieval and Modern History	1
History C . . .	English History	1
History D . . .	American History & Civil Gov.	1
Science A . . .	Physiography	1
Science B . . .	Elements of Physics	1
Science C . . .	Elements of Chemistry	1
Science D . . .	Botany, Zoology and Physiology	1
Science E . . .	Mechanical Drawing	½
German A . . .	Grammar and Composition (optional)	1
German B . . .	Reading and Exercises (optional)	1
French A . . .	Grammar and Composition (optional)	1
French B . . .	Reading and Exercises (optional)	1
Spanish . . .	Grammar and Composition (optional)	1
Greek A . . .	Grammar and Composition (optional)	1
Greek B . . .	Xenophon's Anabasis—4 Books (optional)	1

Entrance Units may be allowed on other high school subjects at the discretion of the Entrance Committee.

DEFINITIONS OF THE UNITS IN THE REQUIREMENTS FOR ENTRANCE.

ENGLISH

English A. English Grammar and Grammatical Analysis.—The parts of speech with inflections and uses of each; syntax and logical analysis; detailed study of sentence-structure, including capitalization and punctuation. Text-book recommended: Bas-kervill and Sewell's English Grammar. (One unit.)

English B. Composition and Rhetoric.—The choice, arrangement and connection of words with exercises; the sentence in detail as to unity, coherence and proportion; the paragraph with reference to placing topic, structure for unity, continuity, and emphasis, with abundant exercises in composing good paragraphs. (One unit.)

English C. Literature.—The specimens for reading and study designated for college entrance requirements by the joint committee on collegiate and secondary schools. These required books or their equivalents should be studied throughout the High School course under the guidance of the instructor. Parallel reading should be encouraged and intelligent conversation about books directed.

The college entrance requirements in English Literature for 1914 are:

PART I. For Study and Practice—Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation* or Washington's *Farewell Address*, and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

PART II. For Reading.

Group I. The *Old Testament*, comprising at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, and *Daniel*, together with the books of *Ruth* and *Esther*; the *Odyssey*, with the omission, if desired, of Books I., II., III., IV., V., XV., XVI., XVII.; the *Iliad*, with the omission, if de-

sired, of Books XI., XIII., XIV., XV., XVII., XXI.; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

Group 2. Shakespeare's *The Merchant of Venice*, *A Midsummer Night's Dream*, *As You Like It*, *Twelfth Night*, *Henry V.*, *Julius Caesar*.

Group 3. Defoe's *Robinson Crusoe*, Part I.; Goldsmith's *The Vicar of Wakefield*; either Scott's *Ivanhoe* or *Quentin Durward*; Hawthorne's *The House of the Seven Gables*; either Dickens's *David Copperfield* or *A Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

Group 4. Bunyan's *The Pilgrim's Progress*, Part I.; *The Sir Roger de Coverly Papers* in *The Spectator*; Franklin's *Autobiography* (condensed); Irving's *Sketch Book*; Macaulay's essays on *Lord Clive* and *Warren Hastings*; Thackeray's *English Humorists*; selections from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the last Public Address, and Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail*; either Thoreau's *Walden* or Huxley's *Autobiography and Selections from Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; Stevenson's *An Inland Voyage* and *Travels with a Donkey*.

Group 5. Palgrave's *Golden Treasury* (First Series), Books II. and III., with especial attention to Dryden, Collins, Gray, Cowper and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *The Deserted Village*; Coleridge's *The Ancient Mariner* and Lowell's *The Vision of Sir Launfal*; Scott's *The Lady of the Lake*; Byron's *Childe Harold, Canto IV.* and *The Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series), Book IV., with especial attention to Wordsworth, Keats and

Shelley; Poe's *The Raven*, Longfellow's *The Courtship of Miles Standish*, and Whittier's *Snow-Bound*; Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*; *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at the Villa—Down in the City*.

English D. History of English Literature.

MATHEMATICS.

Mathematics A. Algebra to Quadratic Equations. The four fundamental operations; factoring; highest common factor; lowest common multiple; fractions, simple and complex; ratio and proportion; equations, numerical and literal; problems; radicals, including square root; exponents, fractional and negative. (One unit.)

Mathematics B. Quadratic equations, Progression, and the Binomial Theorem.—Quadratic equations, numerical and literal; equations with one or more unknown quantities; problems depending on quadratic equations; the binomial formula for positive integral exponents; arithmetical and geometrical progression, with applications. (Half unit.)

Mathematics C. Plane Geometry, with exercises.—The usual theorems and constructions of a standard text-book. Solutions of original exercises, etc. (One unit.)

Mathematics D. Solid Geometry, with exercises.—The usual theorems and constructions of a standard text-book. Solution of original exercises, etc. (Half unit.)

Mathematics E. Plane Trigonometry.—The usual trigonometric functions; solution of trigonometric equations; theory and use of logarithms, etc. (Half unit.)

LATIN.

Latin A. Grammar and Composition.—The study of a standard text-book, with pronunciation; regular forms; cases; tenses; moods; rules, etc. Primer of Roman History. Translations into Latin and easy reading. (One unit.)

Latin B. Cæsar, Four Books.—With a systematic study of Latin grammar; exercises based upon the text read. (One unit.)

Latin C. Cicero, Six Orations.—Grammar work and prose composition based upon the text read. (One unit.)

Latin D. Virgil, Six Books.—Latin versification as shown in the hexameter meter. Grammar work and selected exercises in composition. (One unit.)

HISTORY.

History A. Greek and Roman History.—Including the geography of the countries studied and the development of the empires; wars; invasions; legends; transitions, etc. (One unit.)

History B. Mediaeval and Modern History.—Including a study of feudalism, papacy, Germano-Roman empire; formation of France; Crusades; Renaissance; Protestant Reformation; French Revolution, etc. (One unit.)

History C. English History, from the early British settlements down to the present. (One unit.)

History D. American History and Civil Government.—From the earliest discoveries and settlements to the present. Special emphasis upon the causes and results of the leading wars. Changes begotten by the Revolution. Political and economic problems; political parties; foreign relations, etc. (One unit.)

SCIENCE.

Science A. Physiography.—A knowledge of the subjects taught in the standard high school texts. (One unit.)

Science B. Elementary Physics.—A knowledge of the subject as given in Millikan and Gale, Carhart and Chute, or other standard texts. The student's note book of written reports of experiments should be presented, showing acceptance on the part of his teacher. Any one of the standard texts and manuals may be followed. (One unit.)

Science C. Elementary Chemistry.—The candidate for entrance credit should be able to show that he has studied for at least one full session, under a competent teacher, some standard text-book on inorganic chemistry and used a laboratory manual. (One unit.)

Science D. Botany, Zoology and Physiology.—The entrance requirements presuppose such sound elementary knowledge of plants, animals and human physiology, respectively, as may be regarded as representing one-half year's or one whole year's work in each subject from a standard text. Laboratory notebooks should be presented. (Half unit each, or one unit each.)

Science E. Mechanical Drawing.—Projections of geometric figures; changes of position; relative sizes and positions; distances from given points, etc. (Half unit.)

MODERN LANGUAGES.

German A. Grammar and Composition.—One full session's work in declensions; conjugations; uses and meanings of articles; pronouns; cases; tenses; moods and general rules of governing arrangement of sentences; word functions; translations into English and German. (One unit.)

German B. Translations.—Reading of from 500 to 600 pages of German, made up of easy stories, plays, prose and poetry. (One unit.)

French A. Grammar and Composition.—One session's work including a mastery of the principles of grammar, regular and irregular verbs. (One unit.)

French B. Translations.—About 500 pages of reading with continued drill in grammar. Exercises in dictation and conversation. Written exercises in French composition. (One unit.)

Spanish. Grammar and Composition, with Translations.—A thorough study of pronunciation. Composition with easy reading. (One unit.)

GREEK.

Greek A. Grammar and Composition.—The common forms, idioms, inflections; syntax; easy translations, etc. (One unit.)

Greek B. Xenophon's *Anabasis*.—Four books. (One unit.)

ADMISSION TO ADVANCED STANDING.

Matriculates presenting certificates or diplomas from reputable colleges or from normal schools will be given such credits as the professors directly concerned shall, after consultation with the Faculty, deem proper, subject to the conditions on which degrees are conferred by this college; and, as far as possible, the student will be saved time in the attainment of the desired degree.

In accordance with the regulations of the State Board of Education governing registered colleges, collegiate credits for work done in high schools and academies may be obtained only by passing satisfactorily a written examination on those subjects for which credit is desired. The examinations are held at the opening of the session by the Committee on Entrance Examinations, and all matriculates desiring advanced credit are expected to take the examinations at that time. For sufficient reason, permission may be granted to defer the examination to a later date, but such permission must be obtained from the committee immediately after entrance into college, or the privilege of taking the examination will be forfeited. *All credits allowed in this manner must be in excess of fourteen entrance units and on work of collegiate grade.*

Government and Regulations

REGISTRATION OF STUDENTS.

All applicants who seek admission to the College should assemble in the chapel at 9 o'clock on Thursday, September 17th, when they will be given directions as to how to register and arrange for their courses. In registering, the student should first present himself to the President at his office in the President's house. The candidate seeking admission for the first time should bring with him papers signed by the proper official of the institution last attended, to aid in his registration and classification. If the candidate is free from objection the President will give him a card permitting him to matriculate, which should be at once presented to the entrance committee (in Science Hall). If his entrance papers are found satisfactory, this committee will give him a ticket of classification which he will present to the Registrar and Treasurer in the Treasurer's office in the main college building. Those students who arrive too late to attend the assembly in the chapel should report at once to the President.

The schedule of entrance examinations and the place where they are to be held will be found posted on the official bulletin board in the hall of the main building. All certificates from other institutions should be presented to the Committee on Entrance immediately after registering. Registration of new student is always conditional upon the student's being able to satisfy the entrance requirements.

Students who have formerly attended the college should report as promptly as possible to their advisory professors for assignment to classes. No student will be considered as having completed his registration until he has been regularly assigned to classes.

DELAYED REGISTRATION.

Students will be allowed three days, inclusive of September 19th, to complete their registration. A fee of \$1.50 additional will be charged for all registrations between September 21st and October 1st, and \$2.00 additional for registration after October 21st. A fine of 50 cents will be imposed for each day's delay in reporting for duty after the termination of a vacation during the session.

ADVISORY PROFESSORS.

Each student at the beginning of the session will be assigned to an advisory professor, who will aid him in selecting his classes, and keep a general advisory oversight over his work during the year. A student desiring to change or lessen his courses must always obtain the consent of his advisory professor and a card of withdrawal from the registrar, before doing so.

DISCIPLINE.

The discipline of the college is in the hands of the President and Faculty. Its object is to maintain regularity and order in the institution and to inculcate among the students the spirit of honor and the manners of gentlemen. At William and Mary, the "Honor System" had its beginning, and its spirit still prevails in such force that disorder and ungentlemanly conduct is rare in the student life. When, however, the Faculty finds it necessary to resort to other means of securing the desired end, probation, suspension or expulsion is resorted to, according to the gravity of the offence.

The Faculty believes that it is a duty which they owe to parents to advise and insist upon the withdrawal of all students not profiting by their stay at college; and when a non-resident student is permitted to withdraw, or is dropped from the roll, or is suspended, he must forthwith leave Williamsburg and the vicinity. Until he fulfills this requirement, he remains subject to the authority of the institution and may be expelled. In every case of discipline by the Faculty, the student's parent or guardian is informed of the action.

Hazing or subjecting the students to any kind of humiliating treatment, using intoxicating liquors, and gambling are strictly forbidden and render the offender liable to expulsion. Ungentlemanly conduct of any sort, such as swearing or using indecent language, when it comes to the knowledge of the Faculty, will be severely dealt with. Moreover, it is against the laws of the college for students to play cards in their rooms, fraternity-houses or college buildings; to visit pool-rooms; to keep firearms, or to deface or injure the walls, furniture or property of any sort belonging to the college. Nor shall any student go farther than eight miles from the college without the consent of the President, or in his absence, of the Dean.

DROPPING FROM THE ROLL.

A collegiate student who fails at the regular midwinter or spring examinations to pass unconditionally one-third of his hours, will be dropped from the roll of the college, unless the failure is due to continued sickness or some other unavoidable cause. Those who absent themselves from two examinations, except on a physician's certificate, will also be dropped from the roll.

EXAMINATIONS.

Written examinations are held at the end of each term. An examination grade of 75 per cent. or higher, passes a student, provided his class standing and attendance are satisfactory to the professor. Students who pass a course with a grade for the term of from 75 per cent to 83 per cent., will be marked C; those passing with a grade of from 83 per cent. to 90 per cent. will be marked B; and those making from 90 per cent. to 100 per cent. will be marked A. (See also special requirements for degrees, page 54.)

LIMITATION ON NUMBER OF HOURS TAKEN BY STUDENT.

No student will be permitted to take less than fifteen hours per week, except by special permission of the Faculty. Per-

mission to take more than fifteen hours will not, in general, be granted to any one who has made a grade as low as C on half of his previous term's work. In no case will a student receive credit on more than twenty hours in one term.

CREDITS.

The college year consists of two terms, or half sessions, and the courses run one term, though a professor may continue his subject into the second term. Upon satisfactorily completing a course for a term, the student receives credits based upon the number of hours per week in the lecture room. Three-hour courses, two-hour courses, and one-hour courses are offered, entitling the student who attends them satisfactorily to three credits, two credits, and one credit respectively, except that two laboratory hours give one credit.

REPORTS.

Reports showing the standing of every student in his classes are rendered each month during the session. The attention of parents is called to these reports, and admonition in proper cases should be given by them to their sons, as parental authority is a valuable adjunct to the discipline and success of a college. Each student is assigned to an advisory professor who carefully follows his progress through the session and endeavors by his personal oversight and advice to encourage him in his work and prevent his failure to profit by his classes.

WORK IN ABSENTIA FOR A. M., A. B. OR B. S.

Work done at other colleges of reputable standing will be given equivalent credits and after thirty credits are obtained at this or any other college, thirty credits may be done privately. No degree, however, will be granted to any one who has not done thirty credits in residence at this institution.

Expenses

The expenses of the college are unusually light, since the college fees are small and living in Williamsburg is remarkably cheap. The life of the college, though full of activities in which, if he wishes, the student may take part, is yet free from the expensive habits current at so many of our colleges. This reduction of expenses to the normal students of William and Mary is made possible by the desire of the Commonwealth to develop a body of men trained for and interested in its greatest responsibility—the education of its children. Hence the special conditions that make it possible for the college to offer courses of a high grade of excellence at a minimum cost.

FEES.

The fees of the college are as follows: Matriculation fee, \$15; tuition fee, \$40; medical fee, \$6; gymnasium and athletic fee, \$10; library fee, \$3; maintenance fee, \$29. Virginia students are not required to pay the tuition fee, and those who hold state scholarships are required to pay only the matriculation fee and gymnasium and athletic fee.

The matriculation fee must be paid in full on entrance. Of the remaining fees one-half must be paid on entrance and one-half on the first of February. A laboratory fee of \$1.50 will be charged for each course taken in Biology, Chemistry, and Manual Arts. No student who is in arrears for fees or board will be awarded honors or degrees.

BOARD.

Board is furnished at the college boarding house, including fuel, lights, laundry, attendance, and use of the furniture in the rooms, at \$12.00 per month for those holding State scholarships.

State students are given the preference at the college boarding department, and should there not be room to accommodate all other students who apply, they can secure board in desirable places in the town at about the same rate as charged at the college.

ROOM RENT.

The charge for room rent at the college dormitories is \$1.00 per month, payable at the beginning of each month.

BOOKS AND LABORATORY FEES.

The cost of books and laboratory fees per session depends somewhat on the classes to which the student is assigned, but will hardly be less than \$15.00, and should not exceed \$30.00.

CONTINGENT FUND.

Every student, on entering, is required to deposit with the treasurer the sum of three dollars, to be entered to his credit as a contingent fund, out of which shall be taken his apportioned share of the cost of any damage, beyond ordinary wear and tear, done to the college property by students. If no such charges are entered against him, the whole amount will be returned at the end of the session. For damage to property, accompanied by bad conduct, the whole contingent deposit may be forfeited.

MEDICAL ATTENDANCE

The college provides a physician and staple medicines, but will not assume the expense of nurses, consulting physicians, or surgical operations. When the circumstances require it, the College Physician may employ a nurse or incur other necessary expenses, the same to be charged to the student. Cases of sickness demanding such attention, however, are of very rare occurrence among the students.

STATE SCHOLARSHIPS.

The college of William and Mary offers 132 scholarships to young men who wish to prepare themselves to teach in the public schools of Virginia. These appointments can be secured by applying to the superintendents of schools in the counties or cities and entitle the holders to free tuition and board at reduced rates at the college boarding house, and exemption from all fees except the matriculation, gymnasium and athletic, and laboratory fees.

These students are required to take the subjects embraced in one of the Teachers' Courses.

After completing a teachers' course they may apply for one of the college degrees, (A. B.; B. S.; or A. M.,) on the same terms as State students. For full particulars in regard to these scholarships and the Teachers' Courses, see pages 81-95.

MINISTERIAL STUDENTS.

Students furnishing satisfactory evidence of their intention and fitness to enter the ministry are not required to pay tuition fees.

REDUCTIONS.

No reduction of the college fees shall be allowed for any reason and no reduction of board for a period less than a month. This rule applies to absences at Christmas and to sickness, to withdrawal from college, or to dismissal therefrom.

EXPENSES.

(a) For *Virginia Students Holding State Scholarships:*

Matriculation fee (payable on entrance).....	\$ 15.00
Gymnasium and Athletic Fee.....	10.00
Board—including heat, light, laundry, and attendance \$12.00 per month (payable monthly in advance)..	108.00
Room rent, \$1.00 per month (payable monthly in ad- vance)	9.00
 Total cost per Session not including Laboratory Fees	 \$142.00

(b) *For Virginia Students Not Holding State Scholarships:*

Matriculation fee (payable on entrance)	\$ 15.00
Medical fee (payable half on entrance, half Feb. 1st) ..	6.00
Gymnasium and Athletic fee (payable half on entrance, half on Feb. 1st).....	10.00
Library fee (payable half on entrance, half Feb. 1st) ..	3.00
Maintenance (payable half on entrance, half Feb. 1st)....	29.00
Board—including heat, light, laundry and attendance \$14.00 per month (payable monthly in advance)...	126.00
Room rent—\$1.00 per month (payable monthly in ad- vance)	9.00
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Total cost per Session not including Laboratory Fees	\$198.00

(c) *For Students Not from Virginia:*

Matriculation fee (payable on entrance).....	\$ 15.00
Tuition fee (payable half on entrance, half Feb. 1st) ..	40.00
Medical fee (payable half on entrance, half Feb. 1st) ..	6.00
Gymnasium and Athletic fee, payable half on entrance, half Feb. 1st).....	10.00
Library fee (payable half on entrance, half Feb. 1st) ..	3.00
Maintenance fee (payable half on entrance, half Feb. 1st)	29.00
Board—including heat, light, laundry, and attendance \$14.00 per month (payable monthly in advance)...	126.00
Room rent—\$1.00 per month (payable monthly in ad- vance)	9.00
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Total cost per Session not including Laboratory Fees.....\$238.00

In addition to the above expenses every student is required to deposit at the beginning of the year a contingent fee of \$3.00, which is returnable at the end of the year if no damage has been done by him to college property. This is, therefore, not necessarily an expense. All students are likewise required to pay a fee of \$1.50 for each laboratory course taken in Biology, Chemistry, and Manual Arts. Laboratory fees seldom amount to more than \$6.00 per year.

GYMNASIUM AND ATHLETIC FEE.

The gymnasium and athletic fee entitles the student to free admission to all athletic contests on the home grounds.

INCIDENTALS.

We cannot undertake to formulate the exact cost to students for clothing, travel and incidentals. These are governed largely by the habits of each individual. We endeavor to cultivate frugality and to protect the student from temptations. The size of Williamsburg aids materially in this matter by not subjecting the young man to the temptations of a large city. The demands for extra money being small, the parent is advised to furnish only a limited sum.

Honors and Degrees

COLLEGiate DEGREES.

The degrees offered are Bachelor of Arts (A. B.), Bachelor of Science (B. S.), and Master of Arts (A. M.). All applicants for these degrees are expected to take fifteen hours a week, unless otherwise permitted by the Faculty.

BACHELOR OF ARTS.

To enter upon the courses leading to A. B., the student must fulfill the requirements as enumerated under "Entrance Requirements" on page 34.

To attain the degree of Bachelor of Arts, the student must make one hundred and twenty (120) credits, at least sixty of which must be in the higher group. The following eighty (80) must be taken by all candidates for A. B.: Latin, 12; English, 15; History, 6; Greek or a Modern Language, 12; Ethics, 3, or Logic, 3; Psychology, 6; Mathematics, 7; Economics, 2; Politics, 2; Chemistry and Physics, 10; Biology, 5; (Zoology I). Of the forty (40) credits remaining necessary for the degree, twenty (20) shall be taken in Languages, Literature, History, Political Science, Philosophy and Mathematics.

A graduating thesis is required of all candidates for the degree of Bachelor of Arts.

BACHELOR OF SCIENCE.

The entrance requirement for this degree are enumerated under "Entrance Requirements," on page 34.

To attain this degree, the student must make one hundred and twenty (120) credits, at least sixty (60) of which must be in the higher group. The following eighty (80) credits must be taken by all candidates for this degree: English, 9; History,

Economics, and Politics, 8; A Modern Language, 12; Psychology, 6; Mathematics, 10; (Courses I., II., III., IV.); Chemistry, 10; Physics, 10; Biology, 15 (Zoology I., II., Botany I.). Of the forty (40) credits remaining necessary for the degree, twenty (20) shall be *higher group* credits in Chemistry, Physics, and Biology. But Mathematics VII. and VIII.—six credits—may be substituted for six of these twenty credits in science provided Physics III. and IV. are also taken.

A graduating thesis is required of all applicants for the degree of Bachelor of Science.

SPECIAL REQUIREMENTS FOR A DEGREE.

The College believes that the recipient of a degree should give evidence of higher ability and scholarship in at least part of his work than is required for a mere pass, and a bachelor's degree will be conferred only on those who have made a grade above C on at least 60 of the 120 credits required for a degree. (See page 46, Examinations.)

MASTER OF ARTS.

The degree of Master of Arts will be conferred upon a student who shall have met the following conditions:

I. (a) He shall have received an A. B. degree from this institution, said degree not to be based upon any catalogue earlier than that of June, 1909; or,

(b) He shall have an A. B. degree from some other institution of equal grade, said degree being subject to the approval of the faculty upon the recommendation of the Degree Committee; or,

(c) He may base his A. M. degree upon the B. S. degree of this institution, provided (1) said B. S. degree is not based upon any catalogue earlier than that of June, 1909, and provided (2) that said B. S. degree include at least twenty-five higher group credits in languages, literature, history, philosophy, and mathematics.

II. He shall, as *a resident graduate*, complete at least twenty-five hours of work higher than that taken for the A. B. or B. S. degree from the courses herein indicated as counting toward the A. M. degree, subject to the conditions herein named and under the advice of the Degree Committee.

The following courses count toward the A. M. degree:

English VIII., IX., X., XI., XIII.

Latin V., VI.

Greek V., VI.

German V., VI.

French V., VI.

Spanish I., II. (French IV. and Latin IV. prerequisite).

Philosophy VII., VIII.

History IV., VI., VII.

Political Science III.

Education IX., X.

Botany VI., Zoology IV., V.

Mathematics VII., VIII.

III. He shall make an average of 85 per cent. on at least ten hours of work, and 80 per cent. on the remainder.

IV. No credits shall be carried over from his A. B. or B. S. degree and used for A. M.

V. Not more than eight credits shall be taken in any one subject.

VI. Application for this degree shall be made by October 1st, and must be approved by the Degree Committee.

VII. He must present a thesis showing thorough and pains-taking work in one of his major subjects and representing at least 5 credits value, the subject of said thesis to be selected with the advice and consent of the Degree Committee not later than January 15th. All other A. M. degrees hitherto offered are hereby abolished.

COLLEGE SCHOLARSHIPS.

There are various scholarships established in the college. Five of the number, known from their founders—the Corcoran, Soutter, Chancellor, Graves, and Bennett scholarships—are conferred every year in recognition of general merit. They exempt Virginia students from the payment of all fees except the matriculation fee, and non-Virginia students from the tuition fee. A scholarship valued at \$150.00 has been established by the Phi Beta Kappa Society in recognition of Alpha Virginia Chapter. This scholarship is awarded to a son of a member of the Society. There are also two scholarships founded by Mr. R. M. Hughes, of Norfolk; one called the James Barron Hope Scholarship, awarded for the best poem in the college *Magazine*; the other called the Pi Kappa Alpha Scholarship, awarded to some member of the Pi Kappa Alpha fraternity for the best translation published in the *Magazine*. In addition to these, the college offers scholarships to a number of accredited high schools in the State. These scholarships exempt the student from the payment of all fees except the matriculation fee, and are renewable the second year if the holders thereof made satisfactory records the first year.

WILLIAM BARTON ROGERS SCHOLARSHIP

This scholarship was established very recently by the Massachusetts Institute of Technology in memory of William Barton Rogers, founder of the Institute, and former student and professor at the college of William and Mary. The value is \$300, and it will be awarded by the Faculty to some student of this institution who shall have taken sufficiently advanced work for entering the Institute of Technology with advantage.

GROUP OF STUDIES.

The courses of the college are divided into a lower and a higher group. The following courses constitute the lower group:—

Economics, Course I. (see page 58).

- English, Courses I., II., III., IV., V., XII. (see pages 59-60).
History, Courses I. and V. (see page 69).
Mathematics, Courses I., II., III., IX. (see pages 60-61).
Physics, Course I. (see page 67).
Chemistry, Course I. (see page 67).
Greek, Courses I. and II. (see page 76).
German, Courses I. and II. (see page 72).
French, Courses I. and II. (see page 70).
Botany, Course I. (see page 63).
Zoology, Course I. (see page 62).
Drawing, Courses I. and II. (see pages 63-64; Science Degree).
Education, Courses I., II., V. (see page 65).
Philosophy, Courses I. and II. (see page 74).
Latin, Courses I. and II. (see page 75).
Manual Arts I. and II. (see page 65; Science Degree).

All courses not in the above list are in the higher group.

Announcement of Collegiate Courses

ECONOMICS.

PROFESSOR TYLER.

Course I.—The study begins with the history of the science and a rapid survey of the field. Then follows a discussion of Value as the subject matter. Next the elements in its production—land, labor and capital. The questions of rent, wages, interest, money, taxes, credit are afterwards taken up, and in illustration of these and other usual topics of the science, practical questions of the hour are introduced and discussed. Two hours a week; second term; 2 credits.

POLITICAL SCIENCE.

PROFESSOR TYLER.

Course I.—The study of the American colonial institutions, and of the constitutions and administrative systems of the States and Federal Government, pursued through lectures. Two hours a week; first term; 2 credits.

Course II.—A study of English institutions from the first beginnings to the present time, pursued through text-books and lectures. Two hours a week; first term; 2 credits. (Prerequisite, History III.)

Course III.—International Law.—An inquiry into the nature, sources and sanctions of International Law and an outline study of its growth, with emphasis upon its modern development. The application of the law to questions in American history is made a prominent feature. Two hours a week; second term; 2 credits. (Prerequisite, Course I.)

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR HALL.

ASSOCIATE PROFESSOR WILSON.

Course I.—The study of words; words and their ways in the English language; slang; fashions that have influenced the language; how language grows; various phenomena of speech, especially of English. The origin of language; various theories. Two hours a week; first term; 2 credits.

Course II.—A study of Epics, especially such as come closest to English people. Several weeks each will be devoted to the *Iliad*, the *Aeneid*, *Beowulf*, and *Paradise Lost*. Parallel reading in these and in other Epics. Essays based upon the work in class. Two hours a week; first term; 2 credits.

Course III.—History of the English language from Anglo-Saxon times to the present; its flexional and syntactical changes; its relation to other languages. Praxis work and parallel reading. Two hours a week; second term; 2 credits.

Course IV.—Analytical study of a play of Shakespeare, with parallel reading in Shakespeare and other Elizabethan dramatists. Essays. Two hours a week; second term; 2 credits.

Course V.—Rhetoric: the sentence; the paragraph; description; narrative; exposition; argumentation. Frequent themes and praxis work. (This course is required in *all diplomas and degrees.*) Three hours a week; first term; 3 credits.

Courses VI.-VII.—Fifty pages of Anglo-Saxon prose and poetry covered; historical grammar incidentally taught; study of words and history of the language continued. (Prerequisite, courses I. and III.) Two hours a week; both terms; 4 credits.

Course VIII.—The making of English; the making of English grammar; changes in accidence; new grammatical material; word-making in English; changes of meaning. A combination of courses I. and III., Anglo-Saxon not absolutely necessary. Two hours a week; first term; 2 credits.

Course IX.—A study of American poetry from Philip Freneau to the present day, with special emphasis upon Poe and a few others. Parallel reading and essays. Two hours a week; second term; 2 credits.

Courses X-XI.—*Beowulf* given if enough call for it.

Course XII.—Grammar for high school teachers.. Twelve or more of the best text-books compared constantly. Logical analysis emphasized; syntax. (Required of all State students, and in all Teachers' Diplomas on the language side.) Two hours a week; second term; 2 credits.

Course XIII.—Genesis and development of the English novel; representative masterpieces read and discussed; essays based upon the class work. Two hours a week; second term; 2 credits.

Course XIV.—Special higher group work in syntax and usage; disputed points in English; authority of great writers; what is good English? (Prerequisites, English V. and XII.) Laboratory work in the college library. Two hours a week; first term; 2 credits.

MATHEMATICS.

PROFESSOR STUBBS.

ADJUNCT PROFESSOR JOHN TYLER.

Course I.—Plane Trigonometry; three hours a week; first term; 3 credits.

Course II.—Advanced Algebra (Determinants, Theory of Equations, etc.,); one hour a week; both terms; 2 credits.

Course III.—Solid Geometry; two hours a week; second term; 2 credits.

Course IV.—Analytical Geometry (Plane); three hours a week; first term; 3 credits.

Course V.—Analytical Geometry (Solid); one hour a week; second term; 1 credit.

Course VI.—Spherical Trigonometry; two hours a week; second term; 2 credits.

Course VII.—Differential Calculus; three hours a week; first term; 3 credits.

Course VIII.—Integral Calculus; three hours a week; second term; 3 credits.

Course IX.—Surveying; three hours a week; second term; 3 credits.

Course X.—Analytic Mechanics; three hours a week; first term; 3 credits.

CHEMISTRY.

PROFESSOR GARRETT.

INSTRUCTOR C. C. SNOW.

LABORATORY ASSISTANT P. L. WITCHLEY.

Course I.—General Inorganic Chemistry, with laboratory work. Descriptive and experimental lectures, recitations and problems; three lectures and two laboratory periods per week; first term; 5 credits.

Course II.—This course is a continuation of Course I., with a brief introduction to Organic Chemistry; three lectures and two laboratory periods per week; second term; 5 credits.

Courses I., II. together give a general survey of the subject of Chemistry, and are required for the degree of Bachelor of Science.

Courses III. and IV.—Qualitative Analysis (Basic and acid). Three laboratory periods a week; both terms; 6 credits. These two courses may not be counted separately, since Course IV. is the logical continuation of Course III.

A laboratory fee of \$1.50 is charged in each course in Chemistry.

ZOOLOGY.

PROFESSOR RITCHIE.

INSTRUCTOR, A. R. KOONTZ.

Course I.—Physiology and Hygiene. The fundamentals of human physiology with anatomy and histology, and a presentation of the laws of hygiene. The object of the course is to give the student an understanding of the structure and workings of his own body, and to teach him how to keep himself in health. Much of the laboratory work consists of a microscopic study of cells, tissues and organs. Lectures, three hours; laboratory, four hours; first term; 5 credits.

Course II.—Elementary Zoology.—A general course in Zoology, covering the great groups of the animal kingdom as thoroughly as time will permit. Lectures, three hours; laboratory, four hours; second term; 5 credits.

Course III.—Histological Technique.—The preparation of objects for microscopic examination. Laboratory, four hours; first term; two credits. Prerequisite, Zoology I. or Botany I.

Course IV.—Vertebrate Embryology.—Lectures two hours; laboratory, four hours; first term; 4 credits. Prerequisite, Zoology II.

Course V.—Advanced Physiology.—Lectures, two hours; laboratory, four hours; second term; 4 credits. Prerequisite, Zoology I. and one other laboratory course in Biology; Physics I. and II.; Chemistry I. and II. and 60 credits of college work.

Course VI.—Evolution and Heredity. A series of lectures dealing with the broader aspects of biology and the social applications of biological principles. Lectures, one hour; first term; one credit.

Zoology III. and IV. are given in alternate years. Zoology III. will be given in 1914-1915.

A laboratory fee of \$1.50 is charged in each of the above courses, in which laboratory work is done.

BOTANY.

PROFESSOR RITCHIE.

INSTRUCTOR, A. R. KOONTZ.

Course I.—Elementary Botany.—A morphological study of the four great plant groups, along with the basic principles of plant physiology and ecology. Lectures, three hours; laboratory, four hours; second term; 5 credits.

Course II.—Plant Physiology.—This course is intended to give a scientific foundation for the study and teaching of physiological botany and agriculture. Lectures, one hour; laboratory, four hours; second term; 3 credits. Prerequisite, Elementary Botany and Chemistry.

Course III.—Systematic Botany.—Offered as an *in absentia* course. A student who collects and identifies a stipulated number of plants may receive credit for the work done by presenting his collection at the college and giving proof of his ability to use a manual. Two or three credits will be given, according to the amount of work done.

Course IV.—Bacteriology.—The principles of bacteriology and their application in sanitation. Laboratory practice with non-pathogenic and pathogenic forms. Lectures, two hours a week; laboratory, four hours a week; first term; four credits. Prerequisite, Zoology I., and one other course in Biology. In this course the lectures may be taken without the laboratory.

A laboratory fee of \$1.50 will be charged for each laboratory course.

DRAWING.

PROFESSOR CRAWFORD.

Course I.—Mechanical Drawing.—A course in elementary mechanical drafting, comprising a general view of the subject of instrumental geometrical drafting, and the ultimate object to

be attained. Drafting instruments and materials, their care and use; the arrangement of geometrical problems sufficiently numerous and varied to lead up to the making of mechanical drawings; lettering, mechanical and free hand; elements of projections; working drawings, lectures, one hour a week; laboratory, four hours a week; first term; 3 credits (toward B. S. degree). Prerequisite, Geometry.

Course II.—Blackboard Work.—Rapid blackboard sketching, use of the blackboard in teaching. Type characteristics emphasized in drawing from nature, flowers, still life, animals, and figures. Memory sketches. Mediums, chalk, charcoal and crayon. Two hours a week; second term; 2 credits. Prerequisite, Free-Hand Drawing.

Course III.—Mechanical Drawing.—An advanced course, involving analytical drawing and practical drafting, considered with special reference to the needs of high school work. Two hours a week; first term; 2 credits (toward B. S. degree). (Laboratory Period.) Prerequisite, Drawing I.

Course IV.—Art Appreciation and History.—One hour a week; first term; 1 credit.

Course V.—Continuation of Course IV.—General instruction in the history and principles of art, training of the appreciative faculties, art criticism. Illustration by lantern slides and photographs of the best examples of architecture, painting, sculpture design and handcraft. Parallel reading. One hour a week; second term; 1 credit.*

Courses VI. and VII.—Constructive Design.—An abridged course for the study of the principles of design with special reference to application in Handicraft. Problems are considered from the standpoint of function, structure, material, form and decoration. One laboratory period a week; both terms; 2 credits.

* All the courses in Drawing and Manual Arts count towards B. S., but only IV. and V. in this department count towards A. B.

MANUAL ARTS.***PROFESSOR CRAWFORD.**

Course I.—Wood Working for Secondary School.—Shop Work.—Study of materials and methods of instruction. This course aims primarily at a training in the technical processes of wood-working as a basis for instruction in the elementary and secondary schools. An analysis of the action of cutting tools is made, and the introduction of tools in class use discussed. Methods of Manual Training instruction are studied at length, and the presentation of typical projects suitable for the upper grades is considered in detail. Two laboratory periods a week; first term; 2 credits. Prerequisite, Manual Arts B.

Course II.—Discussion of subjects relating to industrial processes and productive industries, practical problems. Two laboratory periods a week; second term; 2 credits.

Laboratory fee \$1.50 in each course.

EDUCATION.**PROFESSOR BENNETT.****ASSOCIATE PROFESSOR FERGUSON.**

Course I.—Elements of Management and Method.—A practical introductory course treating of the organization and management of schools, their relation to community life, of school hygiene and of training pupils to study. Observations, readings, text. Three hours a week; first term; 3 credits. Required of all State students who do not offer Education C (Academy) for entrance.

Course II.—Methods of Teaching.—The aims and types of teaching studied and applied to common school subjects. Training is given in the analysis of lessons observed at the model school, in questioning, in analyzing practical problems, correlat-

* All the courses in Drawing and Manual Arts count towards B. S., but only IV. and V. in this department count towards A. B.

ing subjects, adapting methods and planning lessons. Text, readings and abstracts; discussions, observations and reports. Required of all State students who do not offer Education C. (Academy) for entrance. Three hours a week; second term; 3 credits.

Course III.—Principles of Education.—Based on Courses I. and II., which are essentially concrete and on Psychology I. and II., this course seeks to give the student a mastery of current doctrines of educational psychology, of their bases and applications, an acquaintance with the literature thereon, and a study of their adaptation to various local and special problems. Text, observations, readings, abstracts and reports. Three hours a week; first term; 3 credits. Required of all State students.

Course IV.—School Systems.—A brief survey of the more important ancient and modern national school systems, culminating in a study of the Virginia laws and system. Collateral readings and reports on great educational reformers. (A portion of this term may be devoted to a continuation of Course III.) Three hours a week; second term; 3 credits. Required of all State students.

Course V.—Practice Teaching.—Preparation of lesson plans and teaching classes in Practice School. One hour a day for ten weeks, at times in both terms to be arranged with individual students. Longer time will be required of students whose practice work is not satisfactory. Required of State students. 3 credits.

Course VI.—School Supervision.—Deals with the larger problems of school organization. Arranged and recommended especially for principals and superintendents. Courses III. and IV. or equivalent study and experience is prerequisite. Three hours a week; second term; 3 credits.

Course VII.—Moral Education.—Efficient, vigorous, growing moral character considered as the ideal of education and a study of methods of teaching school subjects, class management, school organization, and direct ethical instruction of children, to attain

this end. Adapted for teachers, principals and ministerial students. Two hours a week; first term; 2 credits.

Course VIII.—Philosophy of Education.—A study of psychological, biological and sociological aspects of education. For advanced students. Two hours a week; second term; 2 credits.

Course IX.—History of Education.—Ancient and Mediæval periods and the Renaissance studied with reference to their meaning in relation to present day education. Three hours a week; first term; 3 credits. General History prerequisite.

Course X.—History of Education.—Continuation of Course IX. through the modern period with particular attention to recent educational theories. May be taken without IX. Three hours a week; second term; 3 credits.

Courses VII. and VIII. will ordinarily alternate with Courses IX. and X.

Course XI.—Secondary Education.—A practical study of the organization and management of high schools; the curriculum; relation to elementary school and to college; applications of the psychology of adolescence. Two hours a week; first term; 2 credits.

Course XIII.—Experimental Education.—This course seeks to train students in the recently developed scientific methods of solving educational problems, and to acquaint them with the available literature thereon. Individual and class experiments are conducted with much graphic and statistical work. Three hours a week; first term; 3 credits.

PHYSICS.

PROFESSOR KEEBLE.

LABORATORY ASSISTANT J. H. WRIGHT.

Course I.—Mechanics and Heat.—Lectures and recitations three hours a week, and two laboratory periods of two hours each. First term; 5 credits.

Course II.—Electricity, Sound and Light.—This course is a continuation of Course I. Lectures and recitations three hours a week, and two laboratory periods of two hours each. Second term; 5 credits.

The two courses above constitute a year's work in general physics. No previous study of physics is required for admission to Course I., but the student should have an elementary knowledge of plane trigonometry. Emphasis is laid on the solution of practical problems. Freshmen will not be admitted unless they have had high school physics.

Course III.—Mechanics and Heat.—A more advanced study of *Mechanics* and *Heat* than is required in Course I. An extended drill in the solution of problems. Measurements of considerable precision in the laboratory. Lectures and recitations three hours a week and two laboratory periods of two hours each. Prerequisites, Courses I. and II. and trigonometry. First term; 5 credits.

Course IV.—Electricity, Sound and Light.—Lectures and recitations three hours a week and two laboratory periods of two hours each. Second term; 5 credits.

It is intended in this year's work (*a*) to fit students to teach physics efficiently in high schools, and (*b*) to give a sufficiently thorough grounding in the fundamental principles and methods of the subject to enable the student to continue the study of pure physics profitably or to enter upon the study of engineering.

The laboratory work is entirely quantitative and consists of physical measurements of considerable precision. In some cases it may require more than the allotted four hours a week in the laboratory.

The equipment for this course is all new material and fairly complete. Among the more important pieces of apparatus are a good analytical balance, high grade barometer, apparatus for measurement of torsional and elastic constants and moments of inertia, magnetometers, ammeters and voltmeters, galvanometers and telescopes, a polariscope, a high grade spectrometer, and gratings. There is also a good X-ray outfit, a storage battery of twenty cells, and both alternating and direct current supplied from the power house.

HISTORY.**PROFESSOR WILSON.****PROFESSOR TYLER.**

Course I.—Greece and Rome; text-book, lectures, and parallel reading. Assigned work in library. Three hours a week; first term; 3 credits. (Professor Wilson.)

Course II.—Western Europe: Middle Ages and Development of Modern Europe. Text-book, lectures and parallel reading. Special topics for investigation. Three hours a week; second term; 3 credits. (Professor Wilson.)

Course III.—History of England. Text-book, lectures and parallel reading. (Courses I. and II. prerequisite.) Three hours a week; first term; 3 credits. (Professor Wilson.)

Course IV.—History of the United States, advanced course. A general study from the Revolutionary era to the present, with special emphasis upon leading questions, such as education before and after the Revolution; Rise and Fall of Parties; the Bank Question; the Tariff Question; Internal Improvements; Territorial Annexation; Beginning, Growth, and Fall of Slavery; State Rights and Secession. Two hours a week; second term; 2 credits. (Professor Tyler.)

Course V.—American History. An outline course in the study of the founding, development and growth of the United States. Methods in the teaching of history studied. Text-book, lectures and parallel reading. Special reading in the library and investigations of individual subjects will be assigned. Three hours a week; second term; 3 credits. (Professor Wilson.)

Course VI.—Europe since 1815. Text-book, lectures and library investigations. Study of modern European governments. (Prerequisite, Course II.) Two hours; first term; 2 credits. (Professor Wilson.)

Course VII.—Period of Renaissance and Reformation. Text-books, lectures and parallel reading. Advanced course for detailed study. (Prerequisite, Course II.) Two hours; second term; 2 credits. (Professor Wilson.)

PUBLIC SPEAKING.

Course I.—*Argumentation and Debate.*—Text-books, lectures and class exercises and practice. (Prerequisite, six credits in English.) Three hours; first term; 3 credits. (Professor Wilson.)

Course II.—*Public Speaking.*—A general course in the preparation and delivery of the various forms of public discourses. (Prerequisite, six credits in English and Course I. or special permission.) Not given for less than eight students. Three hours; second term; 3 credits. (Professor Wilson.)

MODERN LANGUAGES.

PROFESSOR CALHOUN.

FRENCH

Course I.—Elements of the language; oral and written exercises; dictation; memorizing of poems; reading of such texts as Bedollière's *La Mère Michel et Son Chat*, Fénélon's *Télémaque*, Maistre's *La Jeune Sibérienne*, Claretie's *Pierrille*, Verne's *Les Enfants du Capitaine Grant*. Three hours a week; first term.

Course II.—Continuation of Course I. Class and supplementary reading from such texts as Erckmann-Chatrian's *Le Conscrit* and *Le Juif Polonais*, France's *Abeille*, Gervais' *Un Cas de Conscience*, Laurien's *Mémoires d'Un Collégien*, Enault's *Le Chien du Capitaine*, Gréville's *Dosia*, Halévy's *L'Abbé Constantin*, Saintine's *Picciola*; study of the literature in connection with the texts; abstracts. Three hours a week; second term; 6 credits for the entire year.

Course III.—Study of syntax; oral practice; prose composition; memorizing of poems; more rapid class and private reading

of such texts as *La Brête's Mon Oncle et Mon Curé*, Daudet's *Le Petit Chose*, Dumas' *La Tulipe Noire*, Mérimée's *Colomba*, Sand's *La Petite Fadette*, Lamartine's *Jeanne d'Arc*, Lesage's *Gil Blas*, Marguerite's *Strasbourg*, Souvestre's *Un Philosophe sous les Toits*, Theuriet's *Bigarreau*, Vigny's *Le Cachet Rouge*; abstracts; study of the literature in connection with the texts; study of French life and customs. Three hours a week; first term; 3 credits.

Course IV.—Continuation of Course III. Class and parallel reading from such texts as Balzac's *Le Curé de Tours*, Beaumarchais' *Le Barbier de Seville*, Gautier's *Jettatura*, Daudet's *Tartarin de Tarascon*, Féval's *La Fée des Grèves*, La Fayette's *La Princess de Clèves*, Lamartine's *Graziella*, Loti's *Pêcheur d'Islande*, Pailleron's *Le Monde où l'on s'ennuie*, Corneille's *Le Cid*, Molière's *Le Bourgeois Gentilhomme*, Racine's *Athalie*, Hugo's *Hernani*. Three hours a week; second term; 3 credits.

Course V.—Composition; oral practice; dictation; memorizing poems; history of French literature, using book written in French; more extensive class and private reading from such texts as Corneille's *Cinna*, *Polyeucte* and *Nicomède*, Molière's *'Avare*, *Le Misanthrope*, *Les Fourberies de Scapin* and *Les Femmes Savantes*, Racine's *Andromaque*, *Les Plaideurs* and *Phèdre*, Lesage's *Turcaret*, Balzac's *Le Père Goriot*, Voltaire's *Prose*, Hugo's *Buy Blas*; Pascal; abstracts. Three hours a week; first term; 3 credits.

Course VI.—Continuation of Course V. Class and parallel reading will be from such texts as Bazin's *Les Oherlé*, Hugo's *Les Burgraves*, *Les Misérables* and *Les Travailleurs de la Mer*, Bornier's *La Fille de Roland*, Balzac's *Eugénie Grandet*, Boileau-Despreaux *Les Héros de Roman*; La Fontaine's *Fables*, Rostand's *Cyrano de Bergerac* and *La Princesse Lointaine*, Rotrou's *Saint Genest* and *Venceslas*, *Maitres de la Critique au XIX^{me} Siècle*, selections from contemporary French writers, selections from difficult modern French. Three hours a week; second term; 3 credits.

Courses V. and VI. alternate with German V. and VI.

GERMAN.

Course I.—Grammar; oral and written exercises; dictation; memorizing poems; reading of such texts as Hauff's Das Kalte Herz, Fulda's Unter vier Augen, Spyri's Rosenresli, Zschokke's Der zerbrochene Krug. Three hours a week; first term.

Course II.—Continuation of Course I. Class and private reading will be from such texts as Bacon's Im Vaterland, Baumbach's Nicotiana, Carmen Silva's Aus meinem Königreich, Gerstäcker's Germelshausen, Heyse's L'Arrabbiata, Seidel's Aus goldenen Tagen, Storm's Immensee, Zschokke's Das Wirtshaus zu Cransac. Study of the literature in connection with texts; abstracts. Three hours a week; second term; 6 credits for the entire year.

Course III.—Study of syntax; oral practice; dictation; memorizing of poems; prose composition; more rapid class and supplementary reading of such texts as Baumbach's Das Habichtsfräulein and Die Nonna, Benedix's Die Hochzeitsreise, Fouqué's Undine, Frommel's Eingeschneit, Gerstäcker's Irrfahrten, Heyse's Das Mädchen von Treppi, Jensen's Die braune Erica, Moser's Bibliothekär, Stökl's Unter Dem Christbaum; study of the literature in connection with texts; abstracts; study of German life and customs. Three hours a week; first term; 3 credits.

Course IV.—Continuation of Course III. Class and parallel reading will be from such texts as Baumbach's Frau Holde, Freytag's Die Journalisten, Goethe's Hermann und Dorothea and Vicar von Sesenheim, Heine's Harzreise, Hauff's Lichtenstein, Lessing's Minna von Barnhelm. Meyer's Der Heilige, Scheffel's Der Trompeter von Säckingen, Schiller's Maria Stuart and Wilhelm Tell, Stifter's Das Haidedorf. Three hours a week; second term; 3 credits.

Course V.—Composition; oral practice; memorizing of poems; history of German literature, using a book written in German; more extensive class and supplementary reading of such texts as Schiller's Wallenstein and Braut von Messina, Goethe's Faust, Gotz von Berlichingen, Torquato Tasso, Iphigenie auf

Tauris, Dichtung und Vahrheit and Reinecke Fuchs, Lessing's Nathan der Weise, Emilia Galotti and Hamburgische Dramaturgie, Freytag's Das Nest der Zaunkonige, Sudermann's Frau Sorge, Fulda's Talisman; abstracts. Three hours a week; first term; 3 credits.

Course VI.—Continuation of Course V. Class and parallel reading will be from such texts as Scheffel's Ekkehard, Hauptmann's Die versunkene Glocke, Sudermann's Heimat and Johannes, Wildenbruch's Harold, Wagner's Die Meistersinger von Nürnberg Wilbrandt's Der Meister von Palmyra, Von Sybel's Die Erhebung Europas gegen Napoleon I, Modern German prose, Journalistic German, selections from Luther's writings. Three hours a week; second term; 3 credits.

Courses V. and VI. alternate with French V. and VI.

SPANISH.

Course I.—Grammar; oral and written exercises; dictation; memorizing of poems; class and supplementary reading from such selections as Flores de España, Asensi's Victoria y otros Cuentos, Alarcon's Novelas Cortas, Toboada's Cuentos Alegres; abstracts. Three hours a week; first term.

Course II.—Continuation of Course I. Class and private reading will be selected from works of Alarcon, Bazan, Becquer, Caballero, Echegaray, Escrich, Galdós, Gil y Zarate, Gutierrez, Larra, Moratín, Padre Isla, Tamayo y Baus, Valdés and Valera; correspondence; study of the literature in connection with the text; study of Spanish life and customs. Three hours a week; 6 credits for the entire year.

It is expected that only students who have had two years of French, or four of Latin, or are in the Junior or Senior Class, will take these courses in Spanish.

PHILOSOPHY AND PSYCHOLOGY.

PROFESSOR FERGUSON.

ASSOCIATE PROFESSOR BENNETT.

Course I.—Psychology.—General elementary psychology regarded mainly from the physiological and functional viewpoints, with individual and class experiments and educational applications. Lectures, text and collateral study. Text-books, Angell's *Psychology* and James' *Talks to Teachers on Psychology*. Three hours a week; first term; 3 credits.

Course II.—Psychology.—Continuation of Course I. Three hours a week; second term; 3 credits.

Course III.—Genetic Psychology.—A study of the beginnings and development of intellect in animal and child life, the dominant activities at different stages of development and their educational significance. Three hours a week; first term; 3 credits. Courses I. and II. prerequisite.

Course IV.—Child Psychology.—Child psychology and physiology with direct reference to practical problems of school and home hygiene, fatigue, defects and abnormalities, and the normal unfolding of physical and intellectual powers and instincts with the educational adjustment appropriate thereto. Three hours a week; second term; 3 credits. Courses I. and II. prerequisite.

Course V.—Ethics.—Historic and evolutional view of doctrines leading to a constructive theory, and applications to social conditions and daily life. Text-book—Dewey and Tuft's *Ethics*. Three hours a week; first term; 3 credits.

Course VI.—Logic.—Deductive and inductive, with drill in practical application to analysis of arguments. Text-book—Creighton's *Introductory Logic*. Three hours a week; second term; 3 credits.

Course VII.—History of Philosophy.—Ancient and Mediæval periods. Traces leading systems of thought in their

development and relation to each other, and to intellectual, social and political life, with parallel biographical study of great philosophers. Text-book—Weber's *History of Philosophy*. Courses V. and VI. and three courses of history prerequisite. Three hours a week; first term, 3 credits. (Professor Bennett.)

Course VIII.—History of Philosophy.—Modern Period—A continuation of Course VII. with particular reference to present day problems and systems of thought. Three hours a week; second term; 3 credits. (Professor Bennett.)

LATIN.

PROFESSOR CLARK.

Courses I. and II.—Six books of *Virgil's Aeneid*. Parallel reading. Latin versification as shown in the hexameter metre. Grammar work and selected exercises in prose composition. Three hours a week; both terms; 6 credits.

Course III.—Roman Historians. Selections from The Gallic War (latter books) or Nepos. Reading of Latin and certain methods of findings one's way through the Latin sentence. Selections from Livy. Informal lectures on Roman Historians. Prose composition at discretion of instructor. Three hours a week; first term; 3 credits.

Course IV.—Latin Lyric Poetry. A general view of Roman Lyric Poetry; selections from the poets from Ennius to Christian Hymns. Parallel reading in Roman literature. Selected Odes of Horace. Reading of the more important Horatian metres. Three hours a week; second term; 3 credits.

Courses V. and VI.—These courses will vary from year to year to suit the needs of the students. Last year V. was a course in Pliny the Younger and VI .was an introduction to Roman Philosophy. For 1914-1915 it is contemplated to give: V. Roman Comedy; VI. The Minor Works of Tacitus or Roman Satire. Three hours a week throughout the year. Each course 3 credits.

Students who have read Virgil in preparatory schools will be admitted to courses III. and IV. by special permission or examination. Those who wish to enter course I. may, at the discretion of the instructor, be required to pass an examination.

No credit will be allowed for work done in preparatory schools except on examination.

GREEK.

PROFESSOR CLARK.

Course I.—Burgess and Bonner's Elementary Greek. In course I. the chief aim is to equip the student with a thorough and accurate knowledge of the forms, together with an accurate general knowledge of the syntax. Three hours a week; first term.

Course II.—Moss's or Colson's Greek Reader. Continuation of Burgess and Bonner's Elementary Greek. Prose composition based on text read. Three hours a week; second term; 6 credits for the year.

Course III.—Selections from the Iliad. Hadley-Allen's or Goodwin's Grammar. Prose composition. Parallel. Three hours; first term; 3 credits.

Course IV.—Orations of Lysias (Adams) or Plato's Apology and Crito with selections from Xenophon's Memorabilia. Hadley-Allen's or Goodwin's Grammar. Wright's Greek Literature. Parallel. Three hours a week; second term; 3 credits.

Courses V. and VI.—These courses will vary from year to year to suit the needs of the students. For 1914-1915 Course V. will be an introduction to Greek Tragedy—Aeschylus' Prometheus Bound and Euripides' Iphigenia among the Taurians will be read. Lectures and assigned readings in the History of Greek Literature. Wright's Greek Literature. Course VI. will be Attic Orators. Demosthenes on the Crown. Lectures on the political and literary history of the Age of Demosthenes. Parallel. Three hours a week throughout the year. Each course: 3 credits.

8:45 to 9:00	9:00—10:00	10:00—11:00	11:00—12:00	12:00—1:00	1:00—2:00	2:00—3:00	3:00—4:00
MON...	CHAPEL	Education I—II. German V—VI. Zool. I—Bot. I. English XIV.	English, VII—IX. Latin I—II. (Education VII—VIII.) Public Speaking I—II. Draw. V—VII.	Ethics—Logic. Hist. I—II. Lat. V—VI. Math. II—III. Draw. VI—VII.	Eng. I—III. German I—II. Hist. III. Physics I—II. Draw. IV—V.	Education XI. Hist. V. Greek III—IV. Zool. IV. (Lab)...	Education III—IV. Cicero. French III—IV. Drawing I—II. Zool. II.
TUES...	CHAPEL	Spanish I—II. Psychology I—II. Math. IV—V. Chem. III—IV. (Lab) Zool. I—Bot. I. (Lab). Drawing I. (Lab)....	Latin III—IV. Math. I—III. English VI—VII.	Pol. Sci. II—III. English V—XIII. (Wilson) Ed. VI. Bot. VI—Zool. V. Physics I—II. (Lab) Drawing III. Eng. XII.	Eng. V—(Hall) German III—IV. Psychol. III—IV. Chem. I—II. Draw. IV—V.	Education XI. Hist. V. Greek III—IV. Chem. I—II. (Lab) Zool. IV. (Lab)....	English II—IV. French I—II. Philos. VII—VIII. Botany II. (Lab). Zool. I. (Lab). Zool. II. (Lab)....
WED...	CHAPEL	Education I—II. German V—VI. Hist. VII—VII. Eng. XIV. Zool. I—Bot. I.	Latin I—II. (Education VII—VIII.) Public Speaking I—II. English VII—VII. Freehand Drawing.	Ethics—Logic. Hist. I—II. Latin V—VI. Bot. VI—Zool. V. (Lab) Chem. I—II. (Lab). Woodworking I—II. (Lab)....	Pol. Sci. I—II. Economics. English I—III. Physics I—II.	Cicero French III—IV. Drawing II. Education III—IV. Zool. II.	Cicerio French III—IV. Drawing II. Education III—IV. Zool. II.
THURS.	CHAPEL	Spanish I—II. Psychology I—II. Math. IV—V. Chem. III—IV. (Lab) Zool. I—Bot. I. (Lab). Man. Arts. Drawing I. (Lab)....	Latin III—IV. Math. I—III. English VI—VII.	Pol. Sci. II—III. Eng. V—XIII. (Wilson) Greek I—II. Bot. VI—Zool. V. Physics I—II. (Lab) Drawing III. Eng. XII.	Eng. V—(Hall) German III—IV. Psychol. III—IV. Chem. I—II. Draw. IV—V.	Bot. II. (Lab) Zool. I. (Lab). Zool. II. (Lab)....	English II—IV. French I—II. Philos. VII—VIII. Bot. II. (Lab). Zool. I. (Lab). Zool. II. (Lab)....
FRI...	CHAPEL	Education I—II. Hist. VII—VII. German V—VI. Zool. I—Bot. I.	Latin I—II. (Education VII—VIII.) Public Speaking I—II. Freehand Drawing.	Ethics—Logic. Hist. I—II. Latin V—VI. Bot. VI—Zool. V. (Lab) Chem. I—II. (Lab). Woodworking I—II. (Lab)....	German I—II. Hist. III. Economics.	Education XI. Hist. V. Greek III—IV. Chem. I—II. (Lab) Zool. IV.	Education III—IV. Cicero. French III—IV. Zool. II.
SAT...	CHAPEL	Spanish I—II. Psychology I—II. Math. IV—V. Chem. III—IV. (Lab) Man. Arts. Philosophy VII—VIII.	Latin III—IV. Math I. Botany II. Draw. IV—V.	English V. (Wilson) Greek I—II. French I—II. Ed. VI. Zool. IV.	English V. (Hall) German III—IV. Psychol. III—IV. Chem. I—II.	The instructor will arrange hours for Math. VII—VIII—IX—X. Education XIII.	

PART III.

DEPARTMENT OF NORMAL TRAINING

REGISTER OF NORMAL STUDENTS.

APPOINTMENT OF STATE STUDENTS.

DIPLOMAS AND CERTIFICATES.

COMMITTEE ON RECOMMENDATIONS.

COURSES FOR TEACHERS.

OBSERVATION AND PRACTICE SCHOOL.

Students Taking Normal Work

List is Repeated From the General Roll.

COLLEGE.

- | | |
|-----------------------------|------------------------------|
| *Addison, Edward | O'Neill, John Brooks |
| *Agee, James Lawrence | *Outland, Grover Cleveland |
| Barnes, Franklin Mason | *Ownbey, Arthur Dennis |
| *Barnes, James Foster | *Page, Robert Massie |
| *Beale, Alvin Francis | *Palmer, Richard Otis |
| Bennett, Burke Douglas | Peachy, Bathurst Dangerfield |
| *Bertschey, Stanton Louis | *Petty, Oscar Viers |
| *Bonney, John Harvey | *Pierce, Alfred Kerkley |
| *Booth, George Wythe | *Prillaman, Henry Andrew |
| *Brent, William Seymour | *Quillen, Charles Martin |
| *Brooks, Gardiner Tyler | *Ramey, William Barlow |
| *Caldwell, George Thornhill | *Rash, David Orgain |
| *Clary, Roane Alexander | *Redden, Karl Henry |
| *Coffield, John Albert | *Renick, Charles Clark |
| *Combs, Robert Lincoln | *Roane, Robley David |
| *Cooke, Francis West , | *Rosenbalm, Robert Lee |
| *Davis, Sylvan Theron | *Rothwell, Stuart |
| *Derring, Paul Myron | *Scheie, Leif Ericson |
| *Doss, Rob Roy | *Scott, Charles Alexander |
| *Duke, William James | *Settle, Thomas Henry |
| *Forrest, Alfred Sylvester | *Shands, William Ridley |
| *Gardner, Claude Martin | *Shockley, Noan |
| *Garnett, Frank McCall | *Smith, Jesse Fielding |
| *Gayle, Richard Brownley | *Smyth, Arlington Raymond |
| *Gillions, David Lionel | *Somers, Wilson Edward |
| *Gilliam, Robert Branch | *Spratley, Philip Warren |
| *Givens, Emmett Edmonson | *Newton, Robert Murphy |
| Goode, Gordon Murray | *Stephens, James Warren |
| *Graves, Cecil Conrad | Stone, Webster Thompson |
| *Gray, Oscar Stanley | *Swecker, Arlie David |
| *Green, Laurie | *Swecker, Harry Tucker |

* Pledged to teach two years in the public schools of Virginia.

- *Grimsley, William Morgan
- *Guy, Vernon Lawrence
- *Hamlin, Charles Hemten
- Harris, Herman Lee
- *Harris, William Durham
- *Healy, Charles Waples
- *Healy, John Hilliard
- *Hedrick, John Wilmer
- Holler, Carl Wise
- *James, Edwin Ralph
- *Jenkins, Floyd Franklin
- *Jennings, Clarence
- *Jones, Hugh Howard
- *Jones, Lewis
- *Lewis, Henry Martin
- *Lupton, Thomas Allen
- *Major, Everett Waverly
- Massey, John William
- *Mauzy, Robert Engle
- *Mitchell, Benjamin Burrass
- *Morrisette, Roy Thomas
- *Moss, Peyton Harris
- *Swecker, Jennings Judy
- *Taylor, John Eldredge
- *Taylor, Preston Philips
- *Trice, John Barret
- *Tucker, Arthur Peoples
- *Tucker, John Lewis
- *Turner, Henry Atwill
- *Waddill, James Thomas
- *Wallace, Robert Perry
- *Walton, Leon Jerl
- *Waybright, Homer Newman
- *Wilkinson, Thomas Epps
- *Williams, Harvey Page
- *Winsbro, William
- *Womack, Hugh Leander
- *Wood, Basil Manly
- *Woods, Bittle Winfred
- *Woodson, Wilbert Tucker
- *Wright, Ernest Linwood
- *Young, Jacob Morris
- *Zehmer, George Baskerville
- *Zion, William Earl

ACADEMY.

- *Ballard, John Mill, Jr.
- *Barnett, Roland David
- *Burford, Edward Scott
- *Burt, Howard Bernice
- *Carpenter, Fred Arlington
- *Carr, James Frederick
- *Chaney, John Grammar
- *Cooke, Leonard Hope
- *Corbell, John David
- *Crockett, Cecil Clinton
- *Early, Frank Purver
- *Edwards, Harry Hooper
- Elcan, Paul Barringer
- *Farmer, William Wilkins
- *Fentress, Wilbur Burwell
- *Fletcher, William Roy
- *Neblett, Clarence Brodwater
- *Norton, Wilbert Henry
- *Ozlin, Perry Andrews
- *Pollard, W. G.
- *Powell, James
- *Powers, William Andrews
- *Pullen, Thomas Granville
- *Robertson, Isaac Wiley
- *Robinette, William Beauregard
- *Robinson, Albert Pemberton
- *Robinson, Ellyson
- *Scott, Elmon
- *Seekford, Ben Harrison
- *Simms, Henry Harrison
- *Smith, Conway Booker
- *Smith, Forester McKey

* Pledged to teach two years in the public schools of Virginia.

- | | |
|-----------------------------|-----------------------------|
| *Forbes, Charles William | *Smith, Lee Emerson |
| *Gaulding, Hardy Munford | Somers, Harry Christlief |
| *Geddy, Vernon Meredith | *Sotheron, George Mortimer |
| *Gilliam, Maxie Parker | *Spencer, Edward Dudley |
| *Harrison, Leonidas Corling | *Stedman, Vance |
| *Hudson, Benjamin Harrison | Stryker, Henry Morris |
| *Hudson, John Guy | *Taliaferro, Philip Allen |
| *Hunt, Paul Brown | *Tuck, William McKinley |
| *Jackson, Douglas Cary | *Tucker, Thomas Adams |
| *Jones, Robert E. | *Turner, David Ozlin |
| *Jones, Raymond Leslie | *Wallace, Benjamin Franklin |
| *King, Keister Becket | *Webb, James Duncan |
| *Lewis, Ernest J. | *Webb, Nathaniel Jarrett |
| *Lohr, Durward Preston | *Weisel, Samuel Ries |
| *Maddox, Arthur Lee | *West, Willie Cylde |
| *Mattox, Ernest Lenwood | *Wilson, Julius Franklin |
| *Moncure, Henry Trevillian | *Wood, Claude Reams |
| *Moore, Oscar Forkner | *Wood, Irvin Quarles |
| *Moore, Richard Aubrey | *Woodson, Isaac Hill |

* Pledged to teach two years in the public schools of Virginia.

The William and Mary System of Normal Training

The State maintains at William and Mary a system of Normal Instruction and Training, comprising:

1. The Observation and Practice school, consisting of all grades of the Williamsburg Graded and High School, for practice teaching, demonstration of the best modern methods, and laboratory study of educational problems.
2. The Normal Academy, consisting of the first three years of the Teacher's Courses.
3. The college as correlated with the Normal Academy; (a) *continuing through two years of prescribed work the Teacher's Courses leading to the Teachers' Diploma*; and (b) offering seven (7) full courses in Education and Normal Training and two courses in Psychology *beyond the work for the Teachers' Diploma*.

The Observation and Practice School is correlated with the public school of Williamsburg and affords opportunity to the normal students for observation of the working out of daily school problems and of practice teaching under expert supervision.

The Normal Academy consists of three years of academic and normal instruction which, correlated with and continued by the two years of outlined academic and normal work in the College, make up the five years of the Teachers' Courses leading to the Teachers' Diploma.

The College, as correlated with the Academy, includes these last two years of the Teachers' courses. Under the provisions of the State charter all the regular academic courses of the college are also open to State students of college grade. Two more years are usually required beyond the Teachers' Diploma to complete the work for the degree of Bachelor of Arts or Science, but classes in Education and Normal Training may be continued throughout all courses and for all degrees.

Appointment of State Students

EVERY DIVISION SUPERINTENDENT OF SCHOOLS in the State is empowered by law to nominate as many students as his county or city has representatives in the House of Delegates, provided that every county or city shall be entitled to at least one student. The nomination must contain an endorsement by the Superintendent as to the moral character, ability, age, and the general fitness of the applicant to profit by a course of instruction in the college.

UNDER THE PROVISIONS OF THE LAW requiring the Board of Visitors to prescribe rules for the examination and selection of the pupils applying for instruction as teachers, all persons nominated by the Superintendents are required to give evidence by certificate or examination of the completion of the common school branches. This constitutes the minimum requirements for admission to the first year of the Normal Academy. As the scholarships are granted for the purpose of qualifying young men to teach in the public schools, they may at any time be forfeited by negligence, disorderly conduct, or failure to make proper progress, or for any other reason justifying the Faculty in concluding that the student cannot be safely trusted with a school. They are special privileges which must be deserved, and may not be enjoyed by the incompetent.

SUPERINTENDENTS OF SCHOOLS are asked to nominate all proper applicants, without reference to whether the quota is supplied or not. The Board of Visitors is required by law to fill all vacancies, from the State at large, and they wish to have as many young men as possible to enjoy the advantages offered by the college.

SUPERINTENDENTS OF SCHOOLS, however, should take care not to give a recommendation to any applicant who is not effi-

ciently prepared in the common school branches, and who is not honestly determined to fulfill his pledge to the State.

ALL STATE STUDENTS are required to sign the following pledge:

In consideration of receipt from the State of Virginia of Free Tuition in the Teachers' Courses and other advantages incident to appointment as a State student of the College of William and Mary, and

In compliance with the requirements of law, I hereby pledge myself to teach in the public schools of Virginia for a period of two years.

Witness my hand,

.....

EXPENSES OF STUDENTS HOLDING STATE SCHOLARSHIPS.

Board, including heat, light, laundry, and attendance—\$12.00 per month (payable monthly in advance).....	\$108.00
Room rent—\$1.00 per month (payable monthly in advance)....	9.00
Matriculation fee (payable on entrance).....	15.00
Total necessary cost per Session.....	\$132.00

In addition to the above the student will deposit a contingent fee of \$3.00, which is returnable at the end of the year, if no damage is done by him to the college property. He will also be required to pay a laboratory fee of \$1.50 for each course taken in Biology, Chemistry, and Manual Arts. The laboratory fees seldom amount to more than \$6.00 per year.

Diplomas and Certificates

THE TEACHERS' DIPLOMA.

The satisfactory completion of one of the Teachers' Courses entitles the student to a *Teachers' Diploma*, upon which will be granted a "*State Normal School Certificate*" which "shall continue in force for ten years and may be renewed for a similar period as provided" by the regulations of the State Board of Education.

All work of collegiate grade done in securing a *Teachers' Diploma* will be allowed full credit toward college degrees, and the special privileges of State students will be continued during the pursuance of such higher courses (see page 45).

CERTIFICATE OF GRADUATION IN EDUCATION.

Any student who has met the requirements for the Teachers' Diploma and a Bachelor's Degree and shall have received ten higher credits in Education, shall receive, in addition to his diploma and degree, a Certificate of Graduation in Education.

Committee on Recommendations

The college maintains a bureau, composed of a committee of the Faculty, to help alumni and students to find positions as teachers. Practically all the graduates of the normal department and holders of Teachers' Diplomas are placed in good positions. The policy of the bureau is to assist good teachers to promotion as well as to secure places for students just beginning to teach. Applications for teachers or for promotions should be made to H. L. Bridges, Registrar of the College.

Outline of Teachers' Courses

The first three years of the Teachers' Normal Course, leading to the Teachers' Diploma, *are of sub-collegiate grade, and are given in the Normal Academy.* The fourth and fifth years are of collegiate grade, and are given by the different collegiate departments. The entire course is outlined below.

The prescribed courses have been planned, *first*, to afford the prospective teacher a thorough knowledge of the subjects included in the best modern public school curricula; *second*, to give not less than three full years' work in professional study and training in the fields of (a) principles of teaching, (b) general and special methods, (c) historic and modern school systems, (d) school laws, organization and management, (e) observation and practice teaching; *third*, to allow the student to select, within well prescribed limits, and to pursue during the fourth and fifth years of his course certain groups of studies, thus securing special fitness and training to teach those subjects with success in secondary schools. This grouping of subjects gives rise to two courses known as: THE LANGUAGE AND HISTORY COURSE AND THE SCIENCE COURSE. Further work in Education and Normal Training may be continued after the completion of the courses outlined below.

LANGUAGE AND HISTORY COURSE.

First Year.

First Term.	Per Week.	Second Term.	Per Week.
English (A)	5 hrs.	English (A) continued....	5 hrs.
Mathematics (A), Arithme-		Mathematics (A), Arithme-	
tic and Algebra	5 hrs.	tic and Algebra	5 hrs.
Latin (A), (Beginning)...	5 hrs.	Latin (A) continued.....	5 hrs.
Chemistry (A)	3 hrs.	Botany (A)	3 hrs.
Drawing (A)	2 hrs.	Drawing (A)	2 hrs.
<hr/>		<hr/>	
	20 hrs.		20 hrs.

Second Year.

English (B)	4 hrs.	English (B) continued....	4 hrs.
Mathematics (B), Algebra.	3 hrs.	Mathematics (B), Algebra.	3 hrs.
Latin (B), Grammar Re-reviewed—Cæsar	4 hrs.	Latin (B) continued— Cæsar	4 hrs.
Civics and Virginia History (B)	3 hrs.	Civics and Virginia History (B)	3 hrs.
Manual Arts (B)	2 hrs.	Manual Arts (B)	2 hrs.
Physiology and Sanitation (B)	3 hrs.	Agriculture (B)	3 hrs.
	—		—
	19 hrs.		19 hrs.

Third Year.

English (C)	4 hrs.	English (C)	4 hrs.
Mathematics (C) Plane Geometry	3 hrs.	Mathematics (C) Plane Geometry	3 hrs.
Latin (C) Cicero.....	4 hrs.	Latin (C) Cicero.....	4 hrs.
General History (C).....	4 hrs.	General History (C).....	4 hrs.
Education (C).....	3 hrs.	Education (C).....	3 hrs.
	—		—
	18 hrs.		18 hrs.

Physical Culture—Four Periods per week from Nov. 1st to April 1st.

Fourth Year—First Collegiate Year.**First Term.**

Psychology I.	3 hrs.
English V.	3 hrs.
Latin I. (Virgil).....	3 hrs.
History I.	3 hrs.
Mathematics I. (Trigonometry)	3 hrs.
	—
	15 hrs.

Second Term.

Psychology II.	3 hrs.
English XII.....	2 hrs.
Latin II. (Virgil).....	3 hrs.
History V.	3 hrs.
Mathematics III. (Solid Geometry)	2 hrs.
Drawing II. (Blackboard Sketching)	2 hrs.
	—
	15 hrs.

Physical Culture—Four hours a week from Nov. 1st to April 1st.

Fifth Year—Second Collegiate Year.

Education III.	3 hrs.
English I.	2 hrs.
Zoology I. (Physiology)...	5 hrs.
Elective	5 hrs.
	—
	15 hrs.

Education IV.	3 hrs.
English IV.	2 hrs.
History II.	3 hrs.
Elective	5 hrs.
	—
	13 hrs.

Education V.—Practice Teaching is required of all students in this year.

SCIENCE COURSE.

The first two years of the Science Course are the same as the first two years of the Language and History Course. Those who are candidates for the Science Diploma will be permitted in the third year to drop Latin, if desired, and take Elementary Chemistry in the first term and Agriculture in the second term. They are also required to elect one of the subjects given below.

Third Year.

English (C)	4 hrs.	English (C)	4 hrs.
Mathematics Plane Ge- ometry (C)	3 hrs.	Mathematics (Plane Ge- ometry) (C)	3 hrs.
General History (C).....	4 hrs.	General History (C).....	4 hrs.
Education (C).....	3 hrs.	Education (C)	3 hrs.
Physics (C)	3 hrs.	Physics (C)	3 hrs.
French or German (C) ...	3 hrs.	French or German (C) ...	3 hrs.
	20 hrs.		20 hrs.

Physical Culture—Four hours a week from Nov. 1st to April 1st.

Fourth Year—First Collegiate Year.**First Term.****Second Term.**

Psychology I.	3 hrs.	Psychology II.	3 hrs.
English V.	3 hrs.	English IV.	2 hrs.
Mathematics I. (Trigonometry)	3 hrs.	Mathematics III. (Solid Geometry)	2 hrs.
Chemistry I.	5 hrs.	Chemistry II.	5 hrs.
	14 hrs.	Drawing II. (Blackboard Sketching)	2 hrs.
			14 hrs.

Physical Culture—Four hours a week from Nov. 1st to April 1st.

Fifth Year—Second Collegiate Year.

Education III.	3 hrs.	Education IV.	3 hrs.
Physics I.	5 hrs.	Physics II.	5 hrs.
Zoology I. (Physiology) ..	5 hrs.	Botany I.	5 hrs.
	13 hrs.		13 hrs.

Education V.—Practice Teaching is required of all students in this year.

A total of 60 credit hours is required for a Teacher's Diploma. The student should therefore elect one course of three hours in addition to the above prescribed courses.

TWO YEAR NORMAL COURSE FOR GRADUATES OF HIGH SCHOOLS.

Since a considerable part of the Normal Academy course consists of professional work specifically for teachers, which the student does not obtain in the public high school, it has been found desirable to have those students who enter from the high schools follow a somewhat different curriculum from that required for graduates of the Normal Academy. Thus students from high school who enter with twelve units or more, although without special preparation in Education, Drawing and Manual Arts, are enabled to complete the work for the Teachers' Diploma in two years. Those who enter on State Scholarships and present twelve units for entrance will take either the Language and History Course or the Science Course as outlined below.

LANGUAGE AND HISTORY COURSE.

First Collegiate Year.

Fall Term.	Spring Term.
Education I. 3 hrs.	Education II. 3 hrs.
Psychology I. 3 hrs.	Psychology II. 3 hrs.
English V. 3 hrs.	English XII. 2 hrs.
Virgil or Cicero* 3 hrs.	Virgil or Cicero* 3 hrs.
Mathematics I. (Trigonometry) 3 hrs.	History V. 3 hrs.
15 hrs.	Mathematics III. (Solid Geometry) 2 hrs.
	16 hrs.

Physical Culture is required four hours a week, Nov. 1st to April 1st.

* Those who do not present three years of Latin for entrance will read Cleoro instead of Virgil. This class will be taught by the head of the Department of Latin and is open only to those who enter with twelve units. It will be accepted for credit toward the Teachers' Diploma, but will not be accepted for credit toward the bachelor's degree.

Second Collegiate Year.

Education III. 3 hrs.	Education IV. 3 hrs.
English I. 2 hrs.	English IV. 2 hrs.
Zoology I. (Physiology).... 5 hrs.	History II. 3 hrs.
History I. 3 hrs.	Drawing II. (Blackboard Sketching) 2 hrs.
Freehand Drawing 2 hrs.	Manual Arts 2 hrs.
15 hrs.	12 hrs.

Education V.—Practice Teaching is required of all students in this year.

SCIENCE COURSE.**First Collegiate Year.****Fall Term.**

	Spring Term.
Education I.	3 hrs.
Psychology I.	3 hrs.
English V.	3 hrs.
Mathematics I. (Trigonometry)	3 hrs.
Chemistry I.	5 hrs.
	<hr/>
	17 hrs.
	<hr/>
	15 hrs.

Physical Culture—Four hours a week from Nov. 1st to April 1st.

Second Collegiate Year.

Education III.	3 hrs.	Education IV.	3 hrs.
Physics I.	5 hrs.	Physics II.	5 hrs.
Zoology I. (Physiology).	5 hrs.	Botany I.	5 hrs.
Freehand Drawing	2 hrs.	Drawing II. or Manual Arts	2 hrs.
	<hr/>		<hr/>
	15 hrs.		15 hrs.

Education V.—Practice Teaching is required of all students in this year.

Description in Detail of the Teachers' Courses

For description of First Three Years—See Normal Academy, page III.

Fourth and Fifth Years

The fourth and fifth years of the work in the Teachers' Courses are made up from the following courses in the various departments of the college, the order in which they are given being found in the schedule of courses on pages 86-88. Nearly all of these courses have credit value toward the Bachelor of Arts or Bachelor of Science degree.

English

Course V.—Rhetoric; the sentence; the paragraph; description; narration; exposition; argumentation. Frequent themes and praxis work. (*Required in all diplomas and degrees*). Three hours a week; first term; 3 credits.

Course XII.—Advanced grammar; comparative study of best text-books. Disputed points in syntax. (*Required of all State Students*.) Two hours a week; second term; 2 credits.

Course I.—The study of words; words and their ways in English speech; slang; fashions in language; popular etymology; other phenomena of language. Two hours a week; first term; 2 credits.

Course IV.—Analytical study of a play of Shakespeare; parallel reading in Shakespeare and other Elizabethan dramatists. Essays based upon the work in class. Two hours a week; second term; 2 credits.

Latin

Courses I. and II.—Virgil. Six books of Virgil's Aeneid. Parallel reading. Latin versification as shown in the hexameter. Grammar work and selected exercises in prose composition. Required in the Language and History Course. Three hours a week; both terms; 6 credits.

Course III.—Roman Historians.—Selections from the Gallic War (latter books) or Nepos. Reading of Latin and certain methods of finding one's way through the Latin sentence. Selections from Livy. Informal lectures on Roman Historians. Prose composition at discretion of instructor. Three hours a week; 3 credits.

Course IV.—Latin Lyric Poetry.—A general view of Roman Lyric Poetry; selections from the poets from Ennius to Christian Hymns. Parallel reading in Roman literature. Selected odes of Horace. Reading of the most important Horatian metres. Three hours a week; second term; 3 credits.

Mathematics.

Course I.—Plane Trigonometry.—Required in the Language and History Course and in the Science Course. Three hours a week; first term; 3 credits.

Course III.—Solid Geometry.—Required in the Language and History Course and in the Science Course. Two hours a week; second term; 2 credits.

Course IV.—Plane Analytic Geometry.—Elective in Language and History Course and in Science Course. Three hours a week; first term; 3 credits.

Zoology.

Course I.—Elementary Human Physiology.—The fundamentals of human physiology, with the anatomy and histology necessary to a clear understanding of the physiological processes discussed. A knowledge of high school physiology is presupposed. Required in the Language and History Course and in the

Science Course. Lectures 3 hours; laboratory 4 hours; first term; 5 credits.

Course II.—Elementary Zoology.—A general course in Zoology covering the great groups of the animal kingdom as thoroughly as time will permit. Elective in the Science Course; lectures three hours; laboratory four hours a week; second term; 5 credits.

Botany.

Course I.—Elementary Botany.—A morphological study of the four great plant groups along with the basic principles of plant physiology and ecology. Elective in the Language and History Course; required in the Science course; lectures three hours; laboratory four hours a week; second term; 5 credits.

Chemistry.

Course I.—General Inorganic Chemistry.—Descriptive and experimental lectures, recitations and problems; laboratory work. Required in the Science Course. Lectures three hours; laboratory four hours a week; first term; 5 credits.

Course II.—A continuation of Course I. with the addition of a brief introduction to Organic Chemistry. Required in the Science Course. Lectures three hours; laboratory four hours per week; second term; 5 credits.

An additional year of Chemistry may be elected in the Science Course.

Drawing and Manual Arts.

Freehand Drawing.—Application to school problems. Color analysis as a force. Specific mission, application to textiles, interiors, costumes, etc. A course required of high school graduates who have not had the subject. A prerequisite for Drawing II. Two hours a week; first term.

Drawing II.—Blackboard Sketching.—Rapid blackboard sketching; use of the blackboard in teaching; type character-

istics emphasized in drawing from nature, flowers, still life, animals and figures, mediums, chalk ,charcoal and crayon. Two hours a week; second term; 2 credits (toward B. S. degree).

Manual Arts.—Practical problems in construction. Study of color schemes and their adaptation. Freehand Drawing, prerequisite. Two periods of two hours each a week; second term.

Manual Arts I. and II.—Woodworking.—For elementary and secondary schools; shop work; study of materials and methods of instruction. This course aims primarily at a training in the technical processes of woodworking as a basis for instruction in the elementary and secondary schools. An analysis of the action of cutting tools is made and the introduction of tools in class use discussed. Methods of Manual Training instruction are studied at length, and the presentation of typical projects suitable for the upper grades is considered in detail. 4 credits (toward a B. S. degree).

History.

History I.—History of Greece and Rome with text-book and lectures. Parallel reading. Assigned work in the library. Required in Language and History Course. Three hours a week; first term; 3 credits.

History II.—History of Western Europe; Middle Ages and Development of Modern Europe. Text-book, lectures, and parallel reading. Special topics for investigation. Required in the Language and History Course. Three hours a week; second term; 3 credits.

History V.—American History. An outline course in the study of the founding, development and growth of the United States. Methods in the teaching of history studied. Text-book, lectures and parallel reading. Special reading in the library and investigations of individual subjects will be assigned. Required in the Language and History Course. Three hours a week; second term; 3 credits.

Physics.

Physics I. and II.—These two courses constitute a year's work in general physics. No previous study of physics is required for admission to Course I., but the student should have an elementary knowledge of plane trigonometry. High School physics will in no case be accepted as a substitute for this year's work. The class uses a text and much emphasis is laid on the solution of practical problems.

In these courses the needs of public school teachers are kept constantly in mind. Especially in the laboratory work the effort is made, not only to train the student in habits of scientific observation, but also to help him meet some of the difficulties of inadequate laboratory equipment by which the teacher is so often handicapped. Lectures 3 hours a week, and two laboratory periods of two hours each; both terms; 5 credits each term.

Education

Course I.—Elements of Management and Method.—A practical introductory course treating of the organization and management of schools, their relation to community life, of school hygiene and of training pupils to study. Observations, readings, study of a text. Three hours a week; first term; 3 credits. Required of all State students who do not offer Education C (Academy) for entrance.

Course II.—Methods of Teaching.—The aims and types of teaching studied and applied to common school subjects. Training is given in the analysis of lessons observed at the Model School, in questioning, in analyzing practical problems, correlating subjects, adapting methods and planning lessons. Study of text, readings and abstracts, discussions, observations, and reports. Required of all State students who do not offer education C (Academy) for entrance. Three hours a week; second term; 3 credits.

Course III.—Principles of Education.—Based on Courses I. and II., which are essentially concrete, and on Psychology I. and II., this course seeks to give the student a mastery of current

doctrines of Educational Psychology, of their bases and applications, an acquaintance with the literature thereon, and a study of their adaptation to various local and special problems. Text, observations, readings, abstracts and reports. Three hours a week; first term; 3 credits. Required of all State students.

Course IV.—School Systems.—A brief survey of the more important ancient and modern national school systems, culminating in a study of the Virginia laws and system. Collateral readings and reports on great educational reformers. (A portion of this term may be devoted to a continuation of Course III.) Three hours a week; second term; 3 credits. Required of all State students.

Course V.—Practice Teaching.—Preparation of lesson plans and teaching classes in the Practice School. One hour a day for ten weeks, at times in both terms to be arranged with individual students. Longer time will be required of students whose practice work is unsatisfactory. Required of all State Students holding scholarships. 3 credits.

Psychology.

Psychology I. and II.—General elementary psychology, with class and individual experiments, with closely related observation visits to the Practice School and studies of practical application of psychological principles in teaching. Required in both Language and History and Science Course. Text-book—Angell's *Psychology*, and James' *Talks to Teachers on Psychology*. Three hours a week both terms; 3 credits per term, or 6 credits. (Professor Ferguson.)

Other professional courses that are offered for teachers are Courses III. and IV. in Philosophy, and Courses VI. VII. VIII. IX. X. XI. and XIII. in Education. A full account of these will be found on pages 66-67.

Observation and Practice School

HENRY EASTMAN BENNETT,
Supervisor and City Superintendent.

HERBERT HELDRUFF YOUNG,
Principal.

Alice C. Tilledge
 Charles Clark Renick

Blanche Cooley
 Elizabeth McGahey

Geraldine Graham

Sue C. Ruffin
 Elizabeth Morecock

Grace Isabel Beale

Marjorie Alice Dana

The public graded and high school of Williamsburg, under the joint control of the City School Board and the College, constitutes the Observation and Practice School for the Department of Education. It affords to the student-teachers the best practicable model of organization and instruction in a school of this class. Throughout the Teachers' Courses the students are kept in close touch with the working out of educational problems at the school, and observations, with formal reports, are required during the last two years of these courses. Practice teaching, under careful supervision, is required in the fifth year of the Teachers' Course.

The buildings occupied by these schools are on separate grounds from those of the college campus, the Primary School* being upon the site of the colonial governor's palace, surrounded by attractive grounds for the children to play in.

* Mattheys Free School—By the terms of Mrs. Whaley's will, dated 16th February 1741-'42, the church wardens and vestry of Bruton Parish were given £50 and the residue of her estate in England, after payment of legacies, to maintain the "free school" in Bruton Parish, established by her about 1706, in honor of her little son, Matthew Whaley, or "Mattey," as she called him.

PART IV.

DEPARTMENT OF
ATHLETICS AND PHYSICAL TRAINING.
COLLEGE SOCIETIES AND PUBLICATIONS.
RELIGIOUS WORK.
THE ALUMNI ASSOCIATION.

Department of Athletics and Physical Training

DEXTER WRIGHT DRAPER, M. D.,

Director of Athletics and Physical Training.

All forms of athletics at the college are under the direct supervision of the athletic director, who is also the college physician. He has charge of the gymnasium work and *all applicants for a Teachers' Diploma are required to take a course in physical training.* He also coaches the football, baseball, basketball and track teams, and accompanies the teams on all trips away from the college.

By this arrangement the college aims not only to foster and encourage athletics by providing a coach of wide athletic experience, but also to safeguard the health and morals of the students by placing them under the instruction and care of a competent physician and responsible official of the college. Systematic physical training according to sound hygienic principles is offered to all, and a general participation in outdoor athletics is encouraged. However, students are permitted to remain on the athletic teams only so long as athletics do not interfere with the pursuit of their studies.

Athletic Regulations.

The general management of the Athletics of the college is in the hands of an Athletic Council, on which there are representatives of both the Faculty and the student-body. This council is elected, under certain restrictions, by the popular vote of the Athletic Association of the college. The council is, therefore, able to serve as an intermediary committee between the Faculty, the students, and the athletic teams. The Faculty, however, through its committee on student activities, is further able to keep

a general oversight over athletic tendencies and the individual class standing of those participating in athletic activities.

The forms of athletics in which the college participates are foot-ball, base-ball, basket-ball, track and tennis.

The following rules apply to all athletic teams of the college:

1. The Committee of the Faculty on Athletics is entrusted with the general oversight of all athletics, and is authorized to forbid any features in these exercises which endanger the health or morals of the participants.
2. No one shall play in any intercollegiate contest who is not, at the time of such contest, a regular matriculated student in good standing.
3. No student will be permitted to play upon any college team except after physical examination by the Director of Athletics and Physical Training.
4. Leave of absence for the purpose of playing intercollegiate games may be allowed to the college teams, such leaves not to exceed five days in the session in the case of any team.
5. Only students who act as regular or substitute members of the athletic teams will be permitted to accompany them on trips from the college.
6. Special monthly reports shall be made to the Faculty with respect to the class standing and progress in study of each player on the athletic teams during the seasons, whether such player be a regular or substitute member of any team.
7. Any member of an athletic team who is reported for neglect of his studies or for non-attendance on lectures, will be required by the Faculty to sever his connection with such team.
8. The athletic teams shall not have contests elsewhere than in Williamsburg with any except teams from other institutions of learning.
9. Members of teams, and all students visiting out of town except when in the company and under control of parents and guardians, are subject to the rules of the college.

College Societies and Publications

PHI BETA KAPPA SOCIETY.

ALPHA OF VIRGINIA.

This Society, the first Greek Letter Fraternity in the United States, was formed at William and Mary, December 5, 1776. It admits to membership only graduates of the college and persons other than graduates distinguished in letters, science or education.

President.....ROBERT MORTON HUGHES.

Vice-President.....JOHN LESSLIE HALL.

Secretary.....JAMES SOUTHALL WILSON.

Treasurer.....VAN FRANKLIN GARRETT.

LITERARY SOCIETIES.

There are two Literary Societies of long standing, the Philomathean and the Phoenix. They meet weekly in their halls for the purpose of cultivating debate, composition and declamation. They have their annual final celebrations during the week of Commencement.

PHOENIX SOCIETY.

Final President.....W. C. FERGUSON.

Debaters.....
 { R. E. P. HAM
 { O. W. FREY

Orator.....W. M. GRIMSLY.

PHILOMATHEAN SOCIETY.

Final President.....G. C. OUTLAND.

Debaters.....
 { R. H. GURLEY.
 { G. C. OUTLAND.

Orator.....G. M. RUMBLE.

Students' Publications

The William and Mary Literary Magazine is published monthly by the two literary societies.

Editor-in-Chief,.....PERCY LEWIS WITCHLEY.

Business Manager,.....JOHN ELDREDGE TAYLOR.

The Colonial Echo is published annually by the students of the college. This handsome and artistic volume is a valuable souvenir of the college and of the year's life on the campus.

Editor-in-Chief,.....VICTOR EWART GLADSTONE EMORY.

Business Manager,.....JOHN LEWIS TUCKER.

The Flat Hat is a four-page weekly paper published by the students of the college, and is an interesting chronicle of student life and daily affairs of the college.

Editor-in-Chief,.....MAX BLITZER.

Business Manager,.....OLIVER WALTER FREY.

THE BULLETIN.

The Bulletin of the College of William and Mary is issued quarterly, or so many times as need may require. The purpose of *The Bulletin* is to set forth the activities, needs or purposes of the college to its alumni, friends, and the general public. The annual catalogue is one of the regular numbers of *The Bulletin*. Copies will be sent free on request.

Religious Work

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The Young Men's Christian Association of the college has for a long time done a noble work in standing for a high spiritual life among its members, and in working throughout the college for the cause of Christianity. It holds its regular devotional meeting every Tuesday night in the Association Hall, which is in the Gymnasium Building. These meetings are addressed by the ministers of the town, by members of the Faculty, by student members of the Association or by visiting speakers. Once each year the Association holds a week of prayer service, which is usually led by an especially invited minister.

The Association does an excellent work in making smooth the way for new students. It publishes a handbook of information for their benefit, and, during the first week of college exercises, it holds a reception for the purpose of having the new students meet socially the other students and the members of the Faculty.

Towards the close of the session a final sermon is preached in the college chapel before the members of the Association.

A most important feature of the Association's work is the series of classes for the study of the English Bible, which are given under its direction. Courses are open to all students in The Life of Christ, The Acts and Epistles, Old Testament Characters, The Teaching of Jesus and His Apostles, and The Social and Political Teaching of Jesus.

The Association has the use of special shelves in the college library, which are furnished with carefully selected religious periodicals and books.

The Visitors and Faculty are in hearty sympathy with the work of the Young Men's Christian Association, and would urge upon parents and guardians that they encourage students to join the Association as soon as they enter the college.

CHAPEL SERVICES.

Regular religious exercises are conducted in the college chapel. The services are conducted by the ministers of the town, who graciously act as the chaplains of the college, or by members of the Faculty, or by representatives of the Young Men's Christian Association.

The college is not under the control of any religious body, but the discipline is administered with the view to confirm integrity and maintain a sacred regard for truth; and every effort is made to make the life of the college open to the best religious influence.

The Alumni Association

OFFICERS OF THE ASSOCIATION.

(To serve until June 12, 1914.)

President..... J. V. BIDGOOD.

First Vice-President..... PERCY H. LASH.

Second Vice-President..... S. OTIS BLAND.

Third Vice-President..... JAMES N. HILLMAN.

Secretary and Treasurer.... H. DENISON COLE.

Executive Committee.

THE FOREGOING OFFICERS AND

DR. JAS. S. WILSON,

HERBERT L. BRIDGES,

JACKSON DAVIS.

By the rules of the Alumni Association, all persons in good standing who have been students (graduates or otherwise) or professors of the College of William and Mary, wherever their actual residence, may be members of this Association when they shall have signed the constitution, stating their respective addresses, and paid their initiation fee. The society may also elect honorary members. The annual dues shall be one dollar, payable in advance to the Secretary on the day of the annual meeting.

PART V.
The Normal Academy

The Normal Academy

OFFICERS OF INSTRUCTION AND ADMINISTRATION.

LYON GARDNER TYLER, M. A., LL. D.,
President of the College.

HERBERT L. BRIDGES, A. B.,
Registrar of the College.

LEVIN WINDER LANE, JR.,
Treasurer of the College.

GEORGE OSCAR FERGUSON, JR., M. A.,
Principal of the Academy.
Education.

WILLIAM ASHBY BLOXTON, A. B.,
English, German, French.

FREDERICK DEANE GOODWIN, A. M.,
Latin, History, Civics.

RICHARD McLEOD CRAWFORD, A. M.,
Drawing and Manual Arts.

JOHN TYLER, A. M.,
Mathematics.

AMOS RALPH KOONTZ, B. S., A. M.,
Sanitation and Botany.

CHARLES CHAPMAN SNOW, B. S.,
Chemistry, Agriculture.

CHARLES HARMON SCHEPMOES, A. B.,
Physiography.

Academy Students by Classes

Repeated from the General Roll.

A

- | | |
|----------------------|----------------------------|
| Ballard, John Mill | Robinson, Ellyson |
| Burt, Howard Bernice | Smith, Forester McKey |
| Chaney, John Grammar | Somers, Harry Christlief |
| Cooke, Leonard Hope | Taylor, Robert Cowles |
| Hunt, Paul Brown | Tomlinson, Robert |
| Moore, Oscar Forkner | Tuck, William McKinley |
| Pollard, W. | Turner, David Ozlin |
| Powell, James | Wallace, Benjamin Franklin |

B

- | | |
|--------------------------|--------------------------|
| Barnett, Roland David | Lipscomb, Herndon Terry |
| Burford Edward Scott | Mattox, Ernest Lenwood |
| Carr, James Frederick | Moore, Richard Aubrey |
| Fentress, Wilbur Burwell | Nunnally, Samuel Logan |
| Forbes, Charles William | Ozlin, Perry Andrews |
| Huffines, Thurber Gray | Stedman, Vance |
| Jackson, Douglas Cary | Taliaferro, Philip Allen |
| Jones, Robert E. | Webb, James Duncan |
| Jones, Raymond Leslie | Webb, Nathaniel Jarrett |
| King, Keister Becket | Weisel, Samuel Ries |
| | Williams, Charles Edward |

C

- | | |
|---------------------------|----------------------------|
| Calhour, William Bryan | Geddy, Vernon Meredith |
| Carpenter, Fred Arlington | Gilliam, Maxie Parker |
| Corbell, John David | Harrison, Leonidas Corling |
| Crockett, Cecil Clinton | Hudson, Benjamin Harrison |
| Early, Frank Purver | Hudson, John Guy |
| Edwards, Harry Hooper | Inman, Harry Cirlis |
| Elcan, Paul Barringer | Jones, Ranson Richard |
| Farmer, William Wilkins | Joyce, Willie Lee |
| Fletcher, William Roy | Lane, George Jordan |
| Gaulding, Hardy Munford | Lewis, Ernest |

Lohr, Durward Preston	Scott, Elmon
Maddox, Arthur Lee	Seekford, Ben Harrison
Maynard, Leonard Henley	Simms, Henry Harrison
Mitchell, Howard Lysle	Smith, Conway Booker
Moncure, Henry Trevilian	Sotheron, George Mortimer
Neblett, Clarence Brodwater	Spencer, Edward Dudley
Neblett, William Edwin	Stryker, Henry Morris
Norton, Wilbert Henry	Tucker, Thomas Adams
Powers, William Andrews	West, Willie Clyde
Pullen, Thomas Granville	Wilson, Julius Franklin
Robertson, Isaac Wiley	Wood, Claude Reams
Robinson, Albert Pemberton	Wood, Irwin Quarles
Robinette, William Beauregard	Woodson, Isaac Hill

ORGANIZATION.

Beginning with the session of 1911-'12, the Subcollegiate Courses formerly operated in connection with the Teachers' Courses under the direction of the several departments, were discontinued and a Normal Academy, organized with a special corps of instructors, to take over all classes below college grade. William and Mary accordingly maintains a Normal Academy in addition to the College.

The Academy offers a three year course, correlated with the Teachers' Courses of the College and supported for the benefit of students who are preparing to teach and of those who are not within distance of a complete four-year high school.

The aim of the Academy is to fit students for full or conditioned entrance into the college, and to teach the high school subjects from a normal viewpoint in order to train teachers for the public schools.

As the purpose of the Academy is to help develop the school system of Virginia, rather than to compete with the high schools, students other than those who desire to make teaching a profession, will only be admitted under certain restrictions. (See Entrance Requirements.)

Students of the Academy are, as far as possible, assigned to dormitories and class rooms distinct from those in use by the college. The general buildings and campus are, however, in common use, as are also the library, laboratories, and athletic grounds. While, as far as possible, the Academy is made distinct in organization and life from the college, yet in grounds, buildings, and equipment, the same advantages are offered to both.

The President and Faculty of the College have general control of the Normal Academy, but the ordinary administration of the Academy is committed to the Principal and a Faculty Committee.

ADMISSION AND DISCIPLINE.

The candidates for admission to this school shall belong to one of the following classes:

1. Students intending to be teachers in the public schools. All such candidates must be recommended by the county superintendents, and be willing to take a pledge to teach two years in the public schools after leaving College.
2. All young men who have been teachers in the public schools not less than one term, or who have been formerly enrolled as students in the subcollegiate classes.
3. All young men over public school age (20 years).
4. All young men who have completed the highest grade of instruction accessible to them in an accredited high school at the place of their residence.

But no student shall be admitted into this school who is not fifteen years of age, or who fails to give evidence by certificate or examination of the completion of the work of the seventh grade of a public school or its equivalent.

All students, unless excused, shall observe such regular hours of study as well as class attendance as may be outlined by the Principal. In addition to the general rules of the college as set forth in the catalogue, there shall be observed by the students in the Academy such rules as may from time to time be specified.

Students registered in the Academy are not permitted to join any of the college fraternities or clubs; nor are they allowed to represent the college in intercollegiate literary or athletic contests. The Academy students have their own athletic, literary and other organizations; but the formation of Academy fraternities is not permitted.

EXPENSES AND STATE SCHOLARSHIPS.

The expenses of fees, board, room etc., will be found listed on pages 48-52. Conditions of obtaining and holding State scholarships, representing about one-fourth of the necessary cost will be found on page 50. They are alike for College and Academy students.

TEACHERS' CERTIFICATE

Students who complete in full either the language and history or the science course of study as outlined herein will be awarded a certificate of graduation from the Academy. This certificate entitles the holder to a Teacher's Certificate, which will allow him to teach in the public schools of Virginia without examination.

COURSES OF STUDY.

The three years' work outlined below constitutes the first three years of the five-year Normal Course leading to the Teachers' Diploma. The last two years are of collegiate grade and will be found on pages 86-88.

These courses are maintained primarily for those who are preparing to teach. No student who fails to maintain a high standard of character and scholarship will be retained in these courses. Students will be required to take the outlined work of the Teachers' Courses.

LANGUAGE AND HISTORY COURSE.

FIRST YEAR.

First Term.	Per Week.	Second Term.	Per Week.
English (A)	5 hrs.	English (A) continued....	5 hrs.
Mathematics (A), Arithme- tic and Algebra	5 hrs.	Mathematics (A), Arithme- tic and Algebra	5 hrs.
Latin (A), (Beginning)...	5 hrs.	Latin (A) continued.....	5 hrs.
Chemistry (A)	3 hrs.	Botany (A)	3 hrs.
Drawing (A)	2 hrs.	Drawing (A)	2 hrs.
	20 hrs.		20 hrs.

SECOND YEAR.

English (B)	4 hrs.	English (B) continued....	4 hrs.
Latin (B), Grammar Re- viewed—Cæsar	4 hrs.	Mathematics (B), Algebra and Plane Geometry... .	3 hrs.
Civics and Virginia His- tory	3 hrs.	Latin (B) continued — Cæsar	4 hrs.
Mathematics (B), Algebra 3	hrs.	Civics and Virginia History	3 hrs.
Physiology and Sanitation (B)	3 hrs.	Agriculture (B)	3 hrs.
Manual Arts (B)	2 hrs.	Manual Arts (B)	2 hrs.
	19 hrs.		19 hrs.

THIRD YEAR.

English (C)	4 hrs.	English (C) continued....	4 hrs.
Latin (C), Cicero.....	4 hrs.	Latin (C) cont'd—Cicero...	4 hrs.
Mathematics (C) Plane		Mathematics (C) continued	
Geometry	3 hrs.	—Plane Geometry.....	3 hrs.
General History (C)	4 hrs.	General History (C) con-	
Education (C)	3 hrs.	tinued	4 hrs.
	<hr/>	Education (C) continued..	3 hrs.
	18 hrs.		<hr/> 18 hrs.

Physical Culture—Four hours per week from Nov. 1st to April 1st.

SCIENCE COURSE.

The first and second years of this course are the same as the first first and second years of the Language and History Course. Those who plan to pursue the Science Course leading to the Teachers' Diploma as outlined on pages 87-88, are here permitted to drop Latin, and are required to begin elementary Chemistry and Agriculture and to *elect one* of the other courses given below.

THIRD YEAR.

First Term.

English (C)	4 hrs.
Mathematics (Plane Geo-	
metry	3 hrs.
General History (C).....	4 hrs.
Education (C).....	3 hrs.
Physics (C)	3 hrs.
French or German (C)...	3 hrs.
	<hr/>
	20 hrs.

Second Term.

English (C).....	4 hrs.
Mathematics (C) Plane	
Geometry	3 hrs.
General History (C).....	4 hrs.
Education (C)	3 hrs.
Physics (C)	3 hrs.
French or German (C)...	3 hrs.
	<hr/>
	20 hrs.

Physical Culture—Two hours a week from Nov. 1st to April 1st.

Description in Detail of the Courses

FIRST YEAR.—*The same in both courses.*

Mathematics (A).—Arithmetic and Algebra; the former in full, the latter to quadratic equations. Five hours a week, both terms.

English (A).—The fundamentals of English Grammar, punctuation, sentence structure, weekly compositions, elementary rhetoric, short course in English or American Literature. Reading of current periodical literature. Five hours a week, both terms.

Latin (A).—Latin begun; the second book of Cæsar begun in latter part of second term. Five hours a week, both terms.

Chemistry (B).—An elementary course prerequisite to the courses in Botany and Agriculture, which follow. Three hours a week; first term. Required.

Botany (A).—Plant structure, nutrition and reproduction; plant classification. Two hours a week; second term.

Drawing (A).—Freehand drawing; simple line sketching, drawing from nature, still life, casts and figures; principles of perspective and elementary colors; line composition; designing for simple forms of handicraft; laboratory work. Two hours a week, both terms.

SECOND YEAR.—*The same in both courses.*

Mathematics (B).—First term, Algebra; second term, Algebra, through quadratics, progressions, logarithms, binomial theorem. Three hours a week, both terms.

English (B).—English Grammar continued; weekly compositions; fundamental principles of rhetoric; courses in either English or American Literature. Four hours a week, both terms.

Latin (B).—Cæsar, four books; prose composition; systematic grammar study. Four hours a week; both terms.

Manual Arts (B).—Hand work for the primary grades in the public schools; basketry, weaving, pottery, and construction in paper, card board, bent iron and wood. Two laboratory periods a week, both terms.

Civics and United States History (B)—A study of the history and political institutions of the United States. Three hours a week; both terms.

Physiology and Sanitation (B).—Study of the fundamentals of human physiology and the elementary principles of bacteriology, infectious diseases and preventive methods. Three hours a week; first term.

Agriculture (B).—Agriculture and Plant Physiology; a course covering the general principles of soil fertility and plant nutrition. Experimental work in laboratory and green house. Intended primarily as a preparation for the teaching of Agriculture. Prerequisite, an elementary knowledge of Chemistry. Three hours a week; second term. Required.

THIRD YEAR.—*Language and History Course.*

Mathematics (C).—First term, plane geometry; second term, plane geometry and a review of special topics in Algebra. Three hours a week, both terms.

English (C).—An advanced course in English grammar, with discussion of text-books on the public school lists of Virginia; rhetoric; either American or English Literature; course in Shakespeare. Four hours a week, both terms.

Latin (C).—Cicero, six orations; prose composition work, based on text read; systematic study of grammar. Four hours a week, both terms.

History (C).—General History; study of the outlines of Ancient, Mediæval and Modern History. Four hours a week; both terms.

Education (C).—A practical introductory course treating of the organization and management of schools, their relation to community life, methods of the recitation and of training pupils to study. Observations at the Practice School. Three hours a week, both terms.

Physical Culture.—Exercises in free calisthenics; chest weights; heavy gymnastics; exercises in fancy marching; Indian club swinging; group games.

Science Course. (Third Year.)

Science Course (Third Year).—In this year the student omits Latin and instead takes Physics the first and second terms, and elects a course in either French or German.

Physics (C).—An elementary course in the usual subjects; mechanics, heat, etc. Experimental work in the laboratory. Three hours a week; both terms.

French (C).—French begun. Grammar, exercises, reading. Three hours a week; both terms. Elective.

German (C).—German begun. Grammar, exercises, reading. Three hours a week; both terms. Elective.

Entrance the Second Term

Students may enter most of the Academy classes at the beginning of the second term. All those who plan to enter at this time should first write to the Principal of the Normal Academy, who will furnish full particulars.

LECTURE SCHEDULE, 1914-1915—(Academy Classes)

		PHYSICAL CULTURE						
		9:00—10:00	10:00—11:00	11:00—12:00	12:00—1:00	1:00—2:00	2:00—3:00	3:00—4:00
MON.....	CHAPEL	Phys. and Agr. B Drawing A	Chem. and Bot. A Latin C	Eng. C Math. A	French C Latin A	History C Math. B	Eng. A Lat. B	
TUES.....	CHAPEL	Civics B Math. C	Eng. B Ed. C	Eng. C Math. A	German C Latin A	Hist. C Manual Arts B,	Eng. A Physics C	
WED.....	CHAPEL	Phys. and Agr. B	Chem. and Bot. A Lat. C.	Eng. C Math. A	French C Latin A	Hist. C Math. B	Eng. A Lat. B	DINNER
THURS.....	CHAPEL	Civics B Math. C	Eng. B Ed. C	Eng. C Math. A	German C Latin A	Hist. C Manual Art B,	Physics C Eng. A	
FRI.....	CHAPEL	Phys. and Agr. B Drawing A	Eng. B Latin C	Physics C Math. A	(La b.) French C Latin A	Math. B	Eng. A Lat. B	
SAT.....	CHAPEL	Civics B Math. C	Eng. B Ed. C	Chem. and Bot. A	German C Latin C			

PART VI
Summer Session

Summer Session

The College of William and Mary closed its second annual summer session at Dublin, Pulaski county, Virginia, August 14, 1913. Thus far William and Mary is the only institution of higher learning of which we have knowledge that holds a regular session away from its own campus, and to explain this departure from a general custom the following statement is made.

The College of William and Mary is located in Eastern Virginia on the Peninsula that lies between the James and the York rivers. The winters in this region, as in all the Southern lowland, are mild and delightful, but in the summer months the climate is not the best for school work. On this account, William and Mary did not in the past consider it wise to attempt a summer term, but because the College was especially engaged in the preparation of teachers the need for summer courses became so apparent that the College authorities decided to try the experiment of transferring the faculty and the needed equipment to the mountains of Southwest Virginia for a summer term. Dublin was selected as the town offering the best advantages for a summer location, and there at an altitude of 2,160 feet and in a climate that has made the region a summer resort for the entire South, an eight-weeks session is held. To transfer the books, apparatus, and even much of the atmosphere of the College and many of the student activities proved unexpectedly easy, and in every way the experiment of a summer term in the mountains has proved so successful that it is now regarded as an integral part of the college year.

The summer work offered by the College of William and Mary differs from that offered by many other institutions in that the courses are regular college courses and not hasty review courses taught by an extemporized faculty. The greater part of the instruction is given by members of the regular William and Mary

faculty, and nearly all of the courses are the regular William and Mary courses given with a full library and laboratory equipment. In no way does the classroom work during the summer term differ from that of the regular college year. The work counts full credit towards degrees.

A second distinguishing feature of the William and Mary summer session is that it is a school for men only. From its foundation William and Mary has been a man's college, and in organizing the summer term it has been deemed wisest in all things to adhere as closely as possible to the ancient traditions and policies of the College. Men who attend the William and Mary summer session will, therefore, be taught entirely by men; they will be in classes with none but men; and they will find the work in general organized for men. The attention of male teachers is especially directed to the fact that for twenty-six years our courses in education have been developed with the idea of meeting specifically the needs of men who are looking forward to educational careers.

The primary purpose of the William and Mary summer term is to place the educational advantages of the college within the reach of teachers. The work is in great part supported by a liberal contribution from the Virginia State Department of Education and Virginia teachers are admitted tuition free. It has been thought wisest to avoid as far as possible duplicating the work of other summer schools within the State by limiting the entrance to male teachers of a somewhat advanced grade. Since the College has been for twenty-six years a training school for teachers of this class, the regular courses of the institution are already adapted to the wants of such men and with few additions and alterations these courses are offered during the summer term. A bulletin containing full information about the third annual summer session which will be held from June 22nd to August 19, 1914, has been issued and a copy will be furnished to any one who desires it.

Faculty of the Summer Session

1913

LYON GARDINER TYLER, M. A. LL. D.,
President.

JOHN LESSLIE HALL, Ph. D.,
Dean of the Faculty.

JOHN WOODSIDE RITCHIE, A. B.,
Director of the Summer Session.

JOHN LESSLIE HALL, Ph. D.,
Professor of the English Language and Literature.

THOMAS JEFFERSON STUBBS, A. M., Ph. D.,
Professor of Mathematics.

VAN FRANKLIN GARRETT, A. M., M. D.,
Professor of Chemistry.

JOHN WOODSIDE RITCHIE, A. B.,
Professor of Biology.

HENRY EASTMAN BENNETT, A. B.,
Professor of Education and Associate Professor of Philosophy

WILLIAM HOUSTON KEEBLE, B. S.,
Professor of Physics.

JAMES SOUTHALL WILSON, M. A., Ph. D.,
Professor of History and Associate Professor of the English
Language and Literature.

JOHN CALDWELL CALHOUN, M. A., D. LIT., LL. D.
Professor of Modern Languages.

WESLEY PLUMMER CLARK, A. B., M. A.
Professor of Latin and Greek.

AMOS RALPH KOONTZ, A. M.,
Assistant in Biology.

WILLIAM ASHBY BLOXTON, A. B.,
Academy Instructor in English and German.

FREDERICK DEANE GOODWIN, A. M.,
Academy Instructor in Latin and History.

HERBERT HELDRUF YOUNG, A. M.,
Academy Instructor in Mathematics



